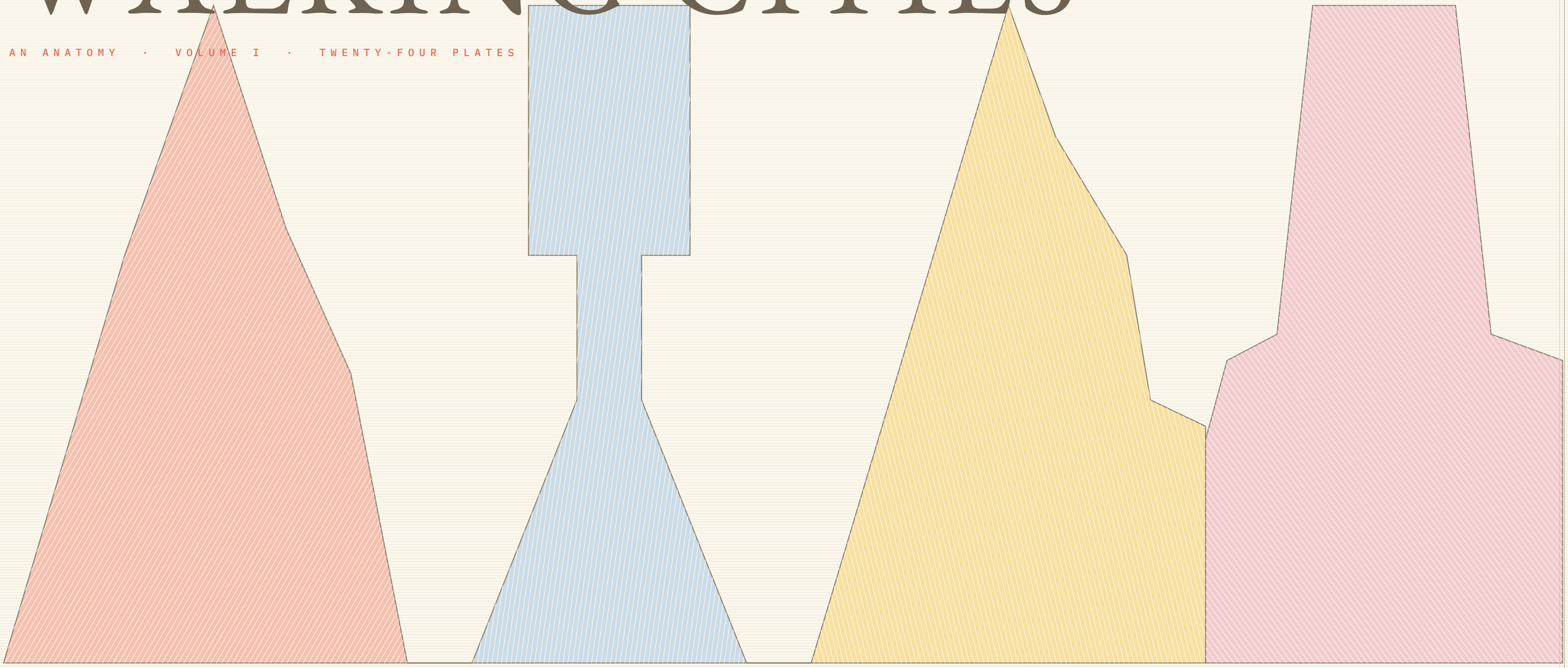
SUPER WALKING CITIES

AN ANATOMY · VOLUME I · TWENTY-FOUR PLATES

SURJAN

SURJAN SUPER SCHOOL

HYPOSTYLE PRESS



SWC-01

THE RED SHED

SWC-02

THE LETTER A

SWC-03

THE LONG STAIR

SWC-04

THE CRADLE

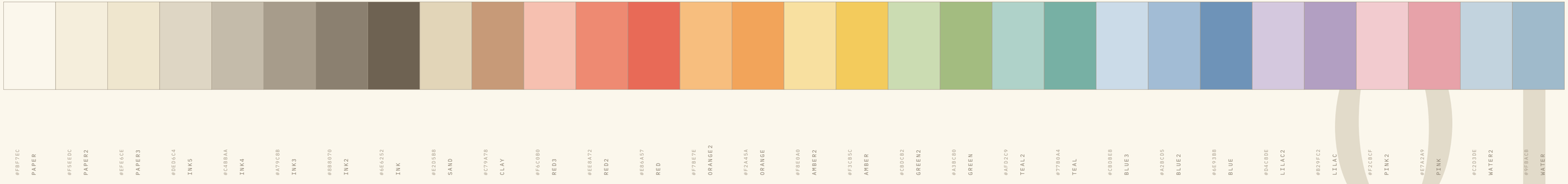
THEY ARE MOVING BECAUSE THEY ARE TALKING

SURJAN, WITH THE AID OF CLAUDE / SURJAN SUPER SCHOOL

NO BLACK · NO DARK COLOUR · FULL BLEED · 24 × 16 IN

Rules of the Plate

THE PERMITTED FIELD · DARKEST INK #6E6252 WARM TAUPE · CHANNEL FLOOR 82



I. NO BLACK

No plate in this atlas contains black or any dark colour. The darkest ink permitted is a warm taupe, #6E6252. Every channel of every mark sits at or above 82. The drawing is therefore always lighter than the thing it describes.

II. FULL BLEED

The plate is 24 × 16 inches, landscape, and the drawing runs off all four edges. There is no white margin in which to rest. The frame is printed on top of the image, not around it.

III. NOTATION

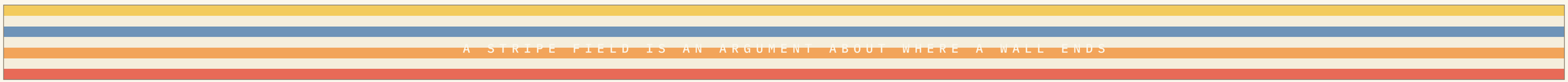
Every plate carries leader lines, keyed numerals, a scale bar, a north point where north exists, and a running title block. Notation is IBM Plex Mono. Argument is EB Garamond.

IV. THE SUPERGRAPHIC

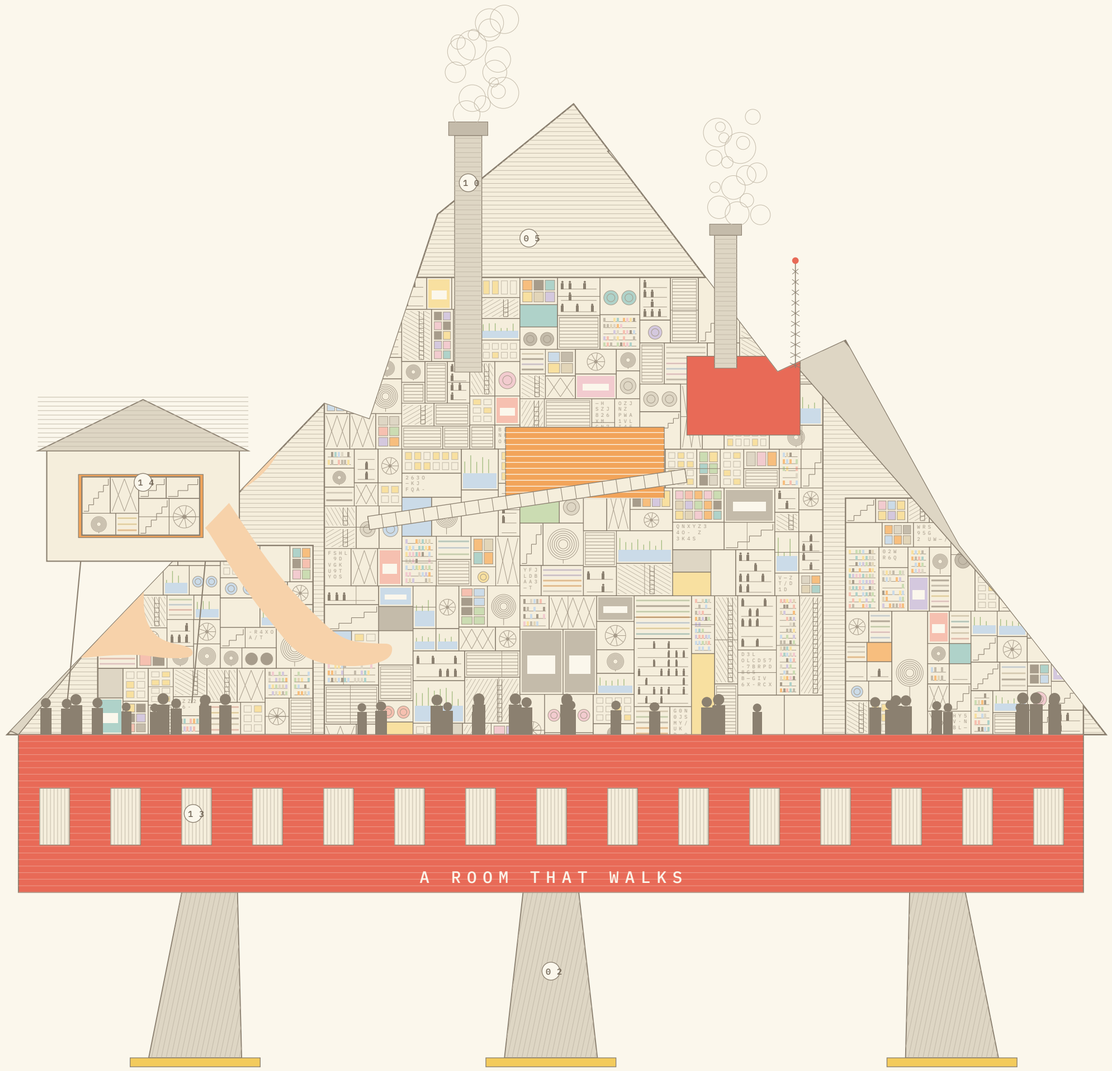
One hard-edged figure — a letter, a stripe field, a chevron, a circle — crosses the architecture at a scale the architecture cannot contain. It destroys the plane it is painted on. That destruction is the point: it is how the city says its own name.

V. RADICAL JOY

Grief turned inside out and made public and architectural. These cities are not utopias. They are enormous, patient, cheerful machines built by people who lost something and decided to walk it around the shoreline until it was shared.



Legend of Parts



KEY

01 PAD
cast foot; spreads 41,000 t over marine clay

02 HAIRPIN PILOTIS
tapered bearing leg; gilt collar at grade

03 TRESTLE
paired leg carrying the long deck

04 DECK SLAB
the datum; all speech happens above it

05 CUT CELL
a room opened to the drawing

06 MEZZANINE
half floor inserted after arrival

07 STAIR
public; never enclosed; never locked

08 BRIDGE
temporary; thrown to a neighbouring city

09 GRIDSHELL DOME
air room; the lung of the deck

10 STACK
warm-air chimney; plume is the visible voice

11 MAST
signal; carries the lamp and the flag

12 LAMP
amber; lit only while the city is speaking

13 PLINTH
flat colour; the one surface everybody sees

14 CARRIED ROOM
a house held at shoulder height, on loan

15 SPEECH REGISTER
painted band; the last thing said

16 WATER PAVILION
floating annexe; deploys at each station

02

TONE · WHAT EACH FIELD MEANS

RED — the public surface

ORANGE — borrowed room

AMBER — speech / signal

BLUE — cold water plant

TEAL — wet programme

GREEN — growing deck

LILAC — archive

PINK — the cradle

CLAY — ore and ballast

SAND — structure

PLATE 03 · THE FOUR

Family Portrait, One Scale

ALL FOUR CITIES DRAWN AT 1 : 2400

1600 FT

1200 FT

800 FT

400 FT

A ROOM THAT WALKS

SAY IT AGAIN

STAIR HALL

ORE ROOM

SWC-01
THE RED SHED
the one that carries a room on its shoulder
1240 FT
DECK 980 FT
3 LEGS

SWC-02
THE LETTER A
the one that stands on its own initial
1610 FT
DECK 1120 FT
2 LEGS

SWC-03
THE LONG STAIR
the one that is a stair before it is a city
1380 FT
DECK 760 FT
4 LEGS

SWC-04
THE CRADLE
the one shaped like the hull it will never be
1490 FT
DECK 1040 FT
2 LEGS

SUPER WALKING CITIES — VOL I · PLATE 03

Family Portrait, One Scale

the four Super Walking Cities compared

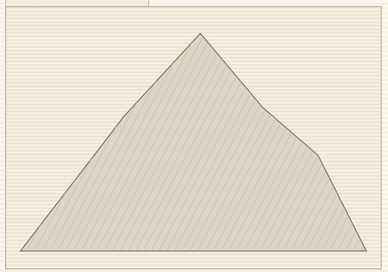
1 : 2400

0 500 1000 FT

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

The Red Shed

PROFILE

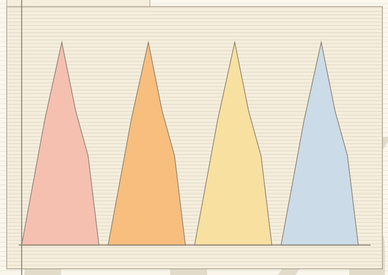


silhouette at rest

PLAN

deck footprint, 1:4000

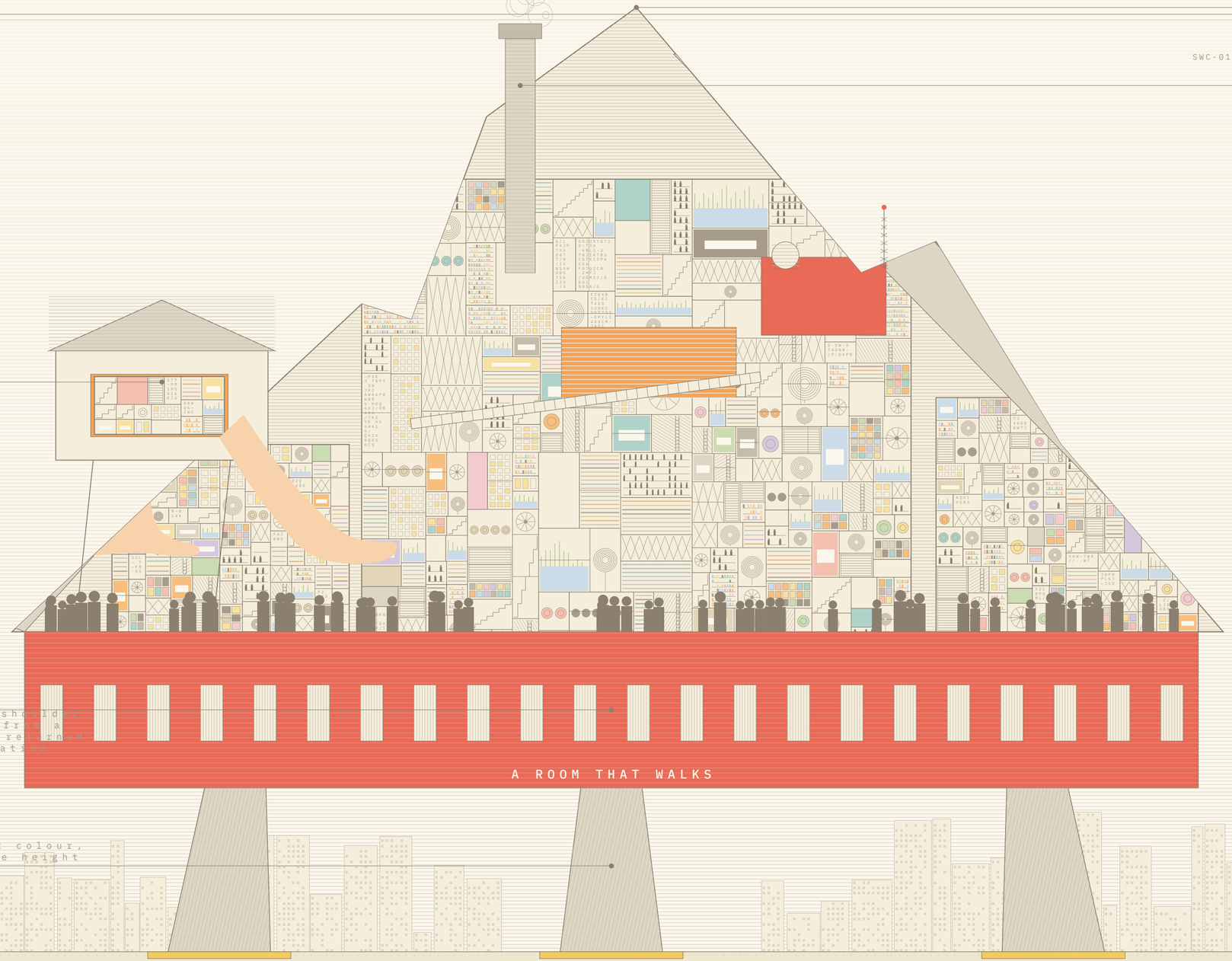
GAIT



four steps, one hour

SKIN

roof painting, current



01 ROOM
a house carried at shoulder height; borrowed from a block that lost it; returned at the ninth station.

02 STACK
warm-air stack; the plume is the city's raised voice

03 PLINTH
the red plinth; flat colour, no windows above eye height

04 APEX
the apex room is empty and always open

READING

Elevation faces the water. The city is drawn with built cut where it is public and closed where it is not; very little grade is closed.

STATE

At rest, legs down, lamp lit. LOW / SLOW TWO-TONE.

CODE	LEGS	HEIGHT	DECK	SPEECH	HOME
SWC-01	3	1240 FT	980 FT	LOW	GANSEVOORT

0 400 800 FT

SUPER WALKING CITIES — VOL I · PLATE 04

The Red Shed

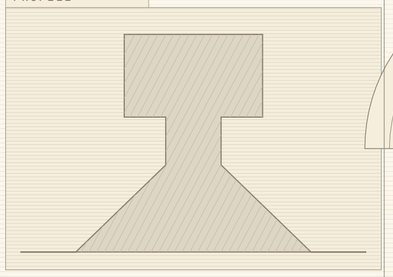
a room carried at shoulder height

1 : 1200

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE
THE ONE THAT CARRIES A ROOM ON ITS SHOULDER

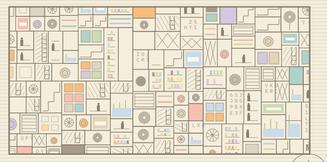
The Letter A

PROFILE



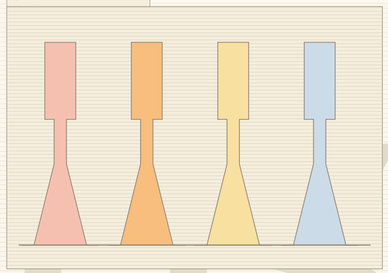
silhouette at rest

PLAN



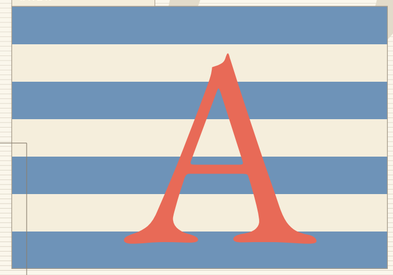
deck footprint, 1:4000

GAIT

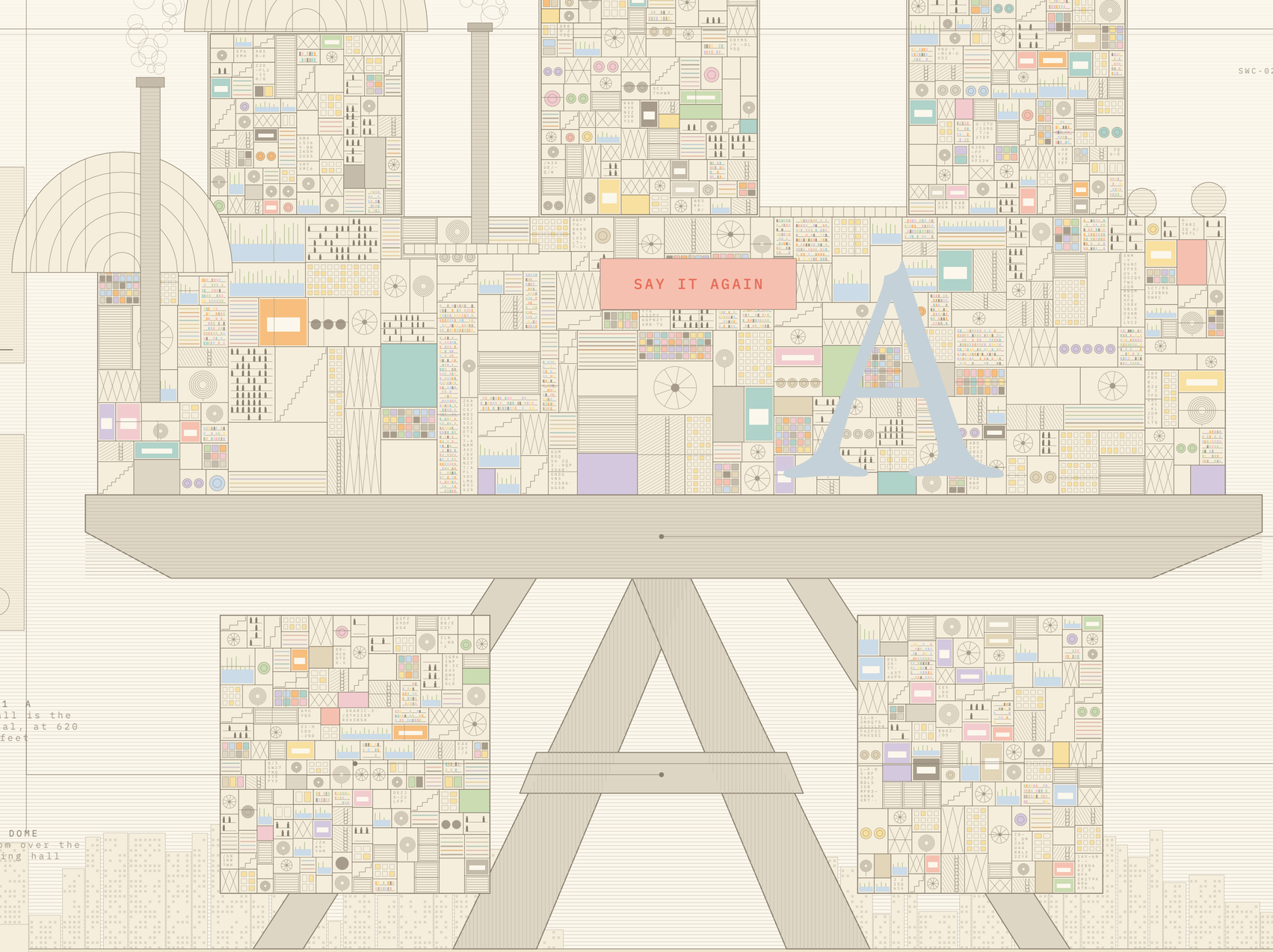


four steps, one hour

SKIN



roof painting, current



01 A
the bearing wall is the city's own initial, at 620 feet

02 DECK
cantilevered deck; 41 feet of overhang on both faces

03 DOME
gridshell air room over the north bathing hall

04 UNDER
under-deck plant; visible from every pier

READING

Elevation faces the water. The city is drawn cut where it is

public and closed where it is not; very little is closed.

STATE

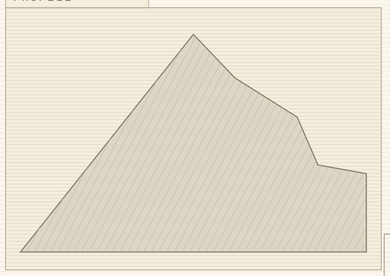
At rest, legs down, lamp lit. HIGH / STE
SINGLE.

CODE	LEGS	HEIGHT	DECK	SPEECH	HOME
SWC-02	2	1610 FT	1120 FT	HIGH	UPPER BAY

0 400 800 FT

The Long Stair

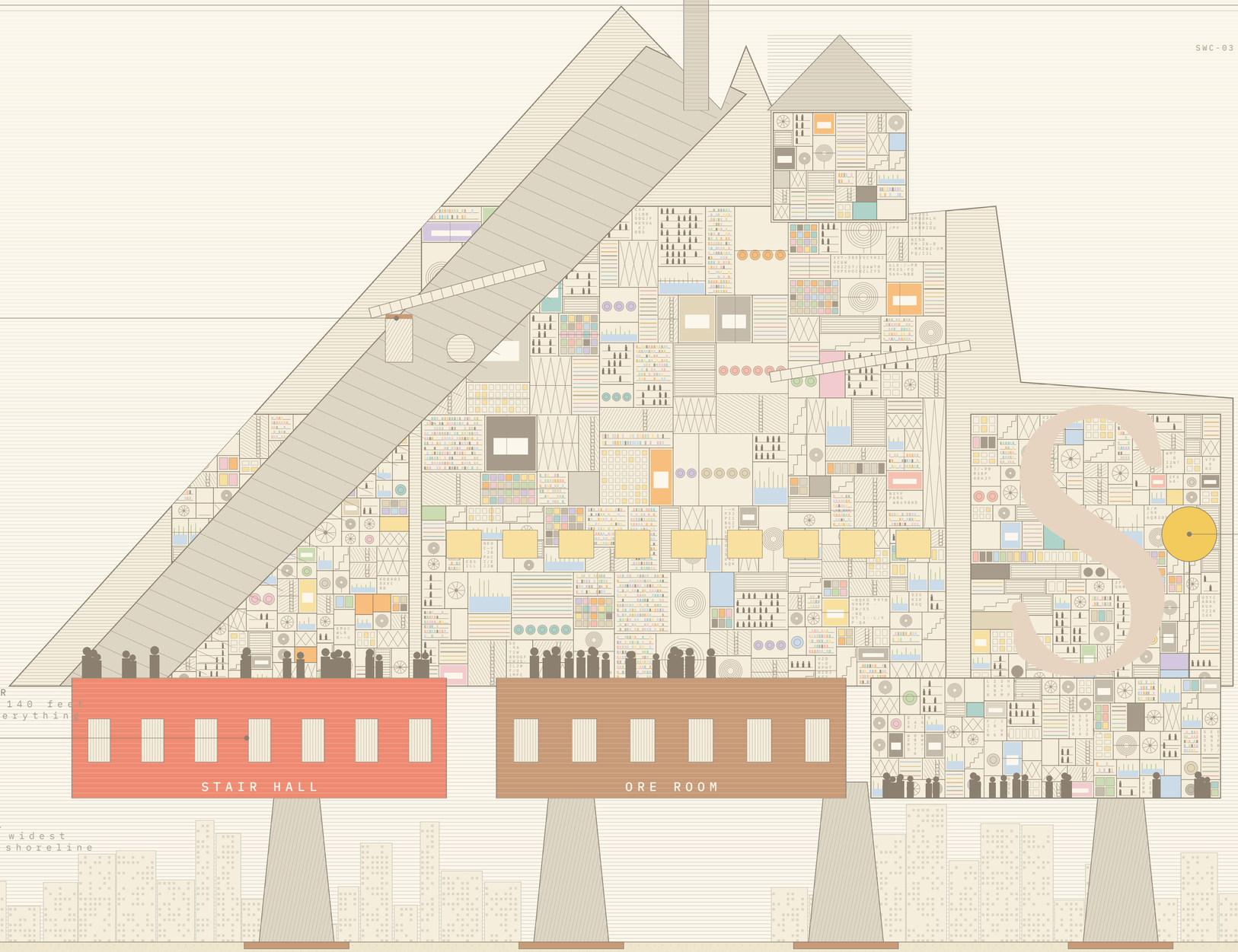
PROFILE



silhouette at rest

PLAN

deck footprint, 1:4000

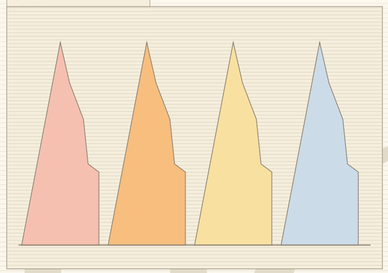


01 STAIR
a single stair, 2,140 feet long, crossing everything

02 LAMP
the amber lamp; lit only while the city is speaking

03 HALL
stair hall; the widest public room on the shoreline

GAIT



four steps, one hour

SKIN

roof painting, current

READING

Elevation faces the water. The city is drawn cut where it is

public and closed where it is not; very little is closed.

STATE

At rest, legs down, lamp lit. RISING / S / MANY.

CODE	LEGS	HEIGHT	DECK	SPEECH	HOME
SWC-03	4	1380 FT	760 FT	RISING	HELL GATE

0 400 800 FT

SUPER WALKING CITIES VOL I · PLATE 06

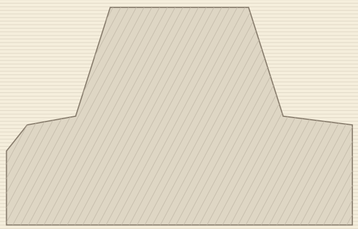
The Long Stair

a stair before it is a city

1 : 1200

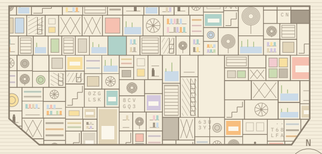
The Cradle

PROFILE



silhouette at rest

PLAN

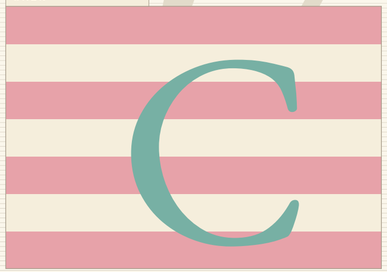


deck footprint, 1:4000

GAIT

four steps, one hour

SKIN



roof painting, current

01 SPHERE
paired spheres hold the fresh water and the archive

02 TRAIN
the red band is a train that never leaves the deck

03 HULL
the hull was never meant to float and everybody knows it

READING

Elevation faces the water. The city is drawn cut where it is public and closed where it is not; very little is closed.

STATE

At rest, legs down, lamp lit. ROUND / WA ANSWERING.

CODE	LEGS	HEIGHT	DECK	SPEECH	HOME
SWC-04	2	1490 FT	1040 FT	ROUND	INWOOD

0 400 800 FT

SUPER WALKING CITIES — VOL I · PLATE 07

The Cradle

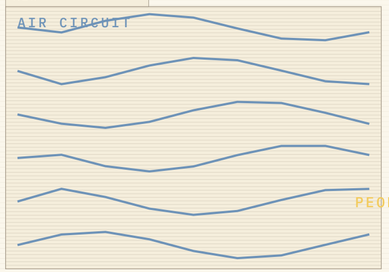
the hull that will never be a hull

1 : 1200

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

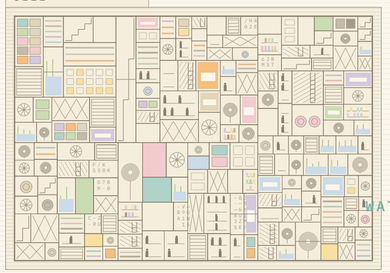
The Red Shed — Long Section

AIR

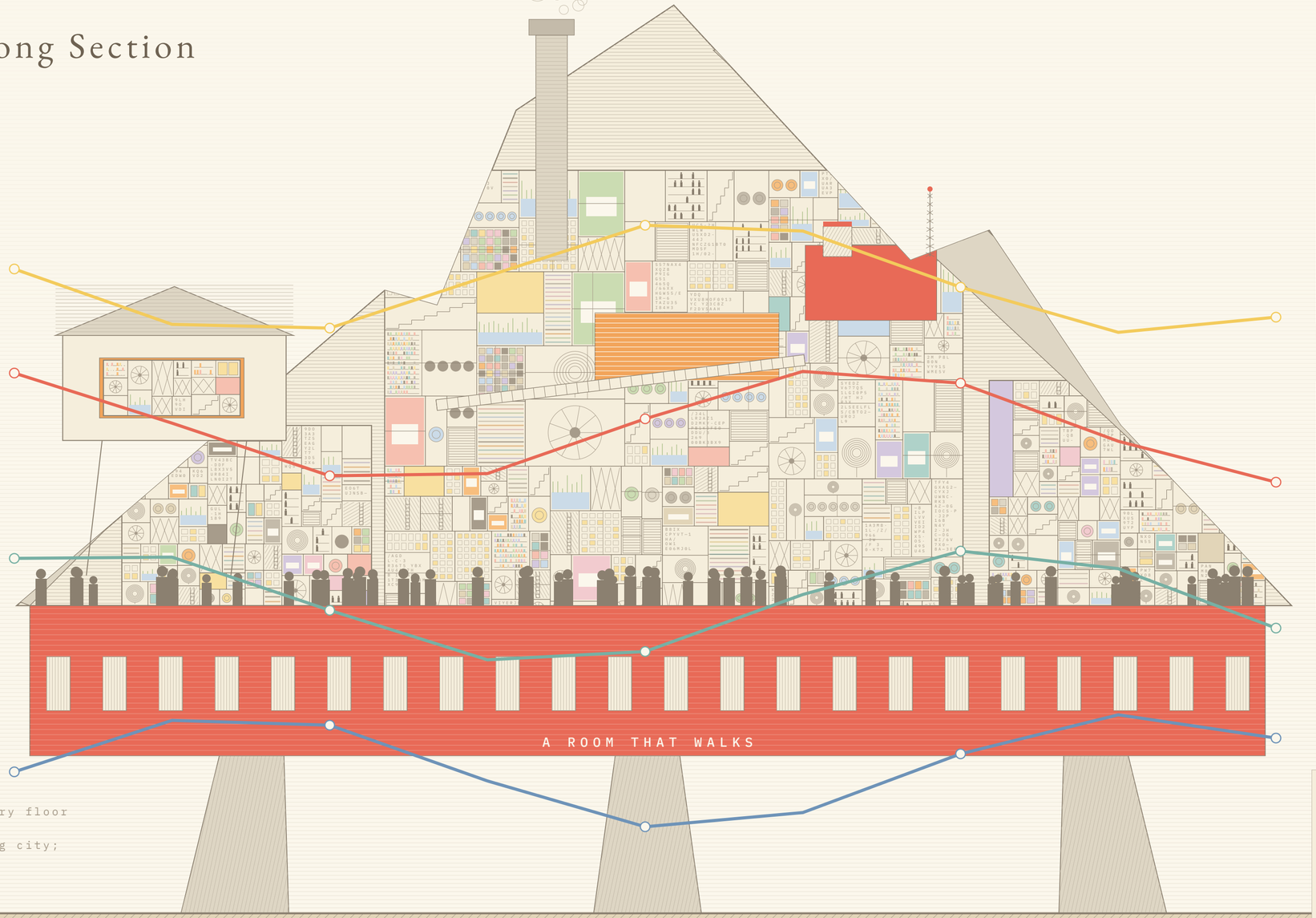


intake to stack

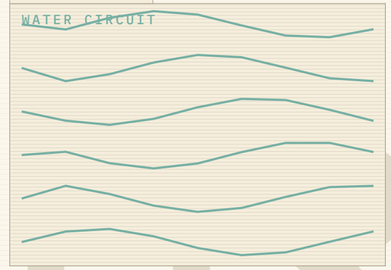
CELL



typical cut cell, 1:200

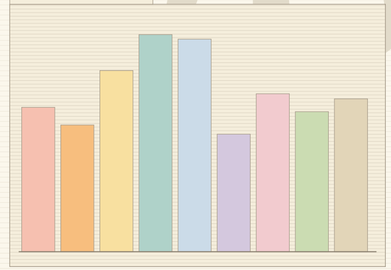


WATER



harbour to harbour

LOAD



load per leg, by hour

WHAT THE SECTION SHOWS

THE RED SHED cut on its long axis. Every floor is public. There is no private storey anywhere in a walking city; the section is the proof and the plate is the deed.

PAD 33.76 TIDE 82.97 = BRIDGE FT 28.02 LEG C 4822 2984 TIDE 93.91 187 62.06 CAISSON 42.04 4253 03.17 — FT M 73.77 / CELL BAY 29.78 SCO — 12.04 10.84 7137 92.95 BAY STATION 73.17 ° OYSTER 35.30 54.87 GRIDSHELL · WELL 52.37 · 91.77 BULKHEAD 7080 GRIDSHELL 92.43 9190 12. 87.54 2937 MM 49.74 MHW 34.10 M M 07.30 PAD FT COLLAR — 36.63 / 2549 STACK 13.69 = MM 18 40.45 4085 TIDE — 34.69 ° 09.54 = 85.32 68.3 45.35 LAMP RIPRAP 6402 COLLAR 38.73 RIPRAP M FT 83.18 T 81.26 · 69.58 KN ° = — PLUME LEG PLUME SILT % / 69.07 59.01 CAISSON — LEG 239 04.81 BELL BELL PAD 1429 SPINE 93.93 PLUME /

OCCUPATION AT SECTION

Resident 2480. Day 10850.

The difference walks aboard at one stati walks off at the next. Nobody is required to stay. That i whole design.

5642 / 9387 STACK GRIDSHELL BAND 4496 279 % CAISSON GRIDSHELL STATION KN SCOUR BAND 6910 66.04 1301 = M 9657 LEG SCOUR LAMP PAD + KN · BRIDGE 5439 STACK · 9130 % / 90.95 % BAY = S SCOUR 15.85 BULKHEAD M 87.38 BRIDGE + LUNG S 68.04 71.12 20.59 — % 3620 DECK + / / COLLAR 17.58 KN 10.33 ° SPINE LAMP LEG — 2657 12.69 PLUME 91.59 07.90 TIDE 3956 TIDE 4846 38.05 46.61 + 7651 LAMP DECK 69.48 92.25 8220 60.6 · COLLAR 7393 OYSTER 4268 · 77.93 RIPRAP ° ° KN 55.77 84.70 SCOUR / 8113 33.69 42.43 7488 SILT 20.24 / FT 36.91 STATION 1877 58.11 62. STACK SILT + ° / 44.83 SILT 47.94 BULKHEAD T

0 300 600 FT

AIR CIRCUIT · WATER CIRCUIT · SPEECH CIRCUIT · PEOPLE CIRCUIT

SUPER WALKING CITIES

VOL I · PLATE 08

The Red Shed — Long Section

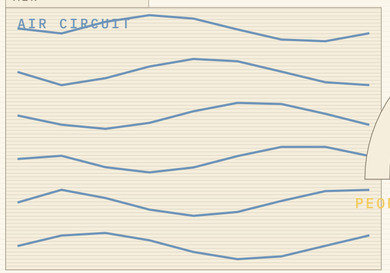
cut on the line of speech

1 : 900

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

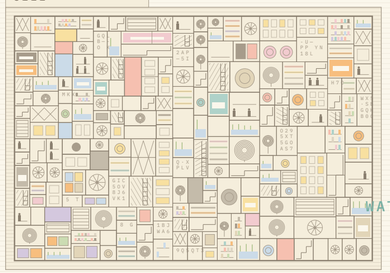
The Letter A — Long Sectio

AIR



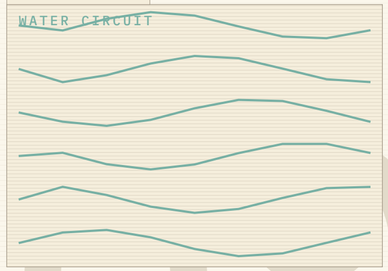
intake to stack

CELL



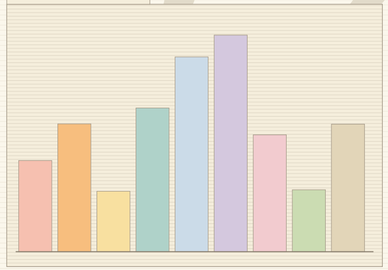
typical cut cell, 1:200

WATER

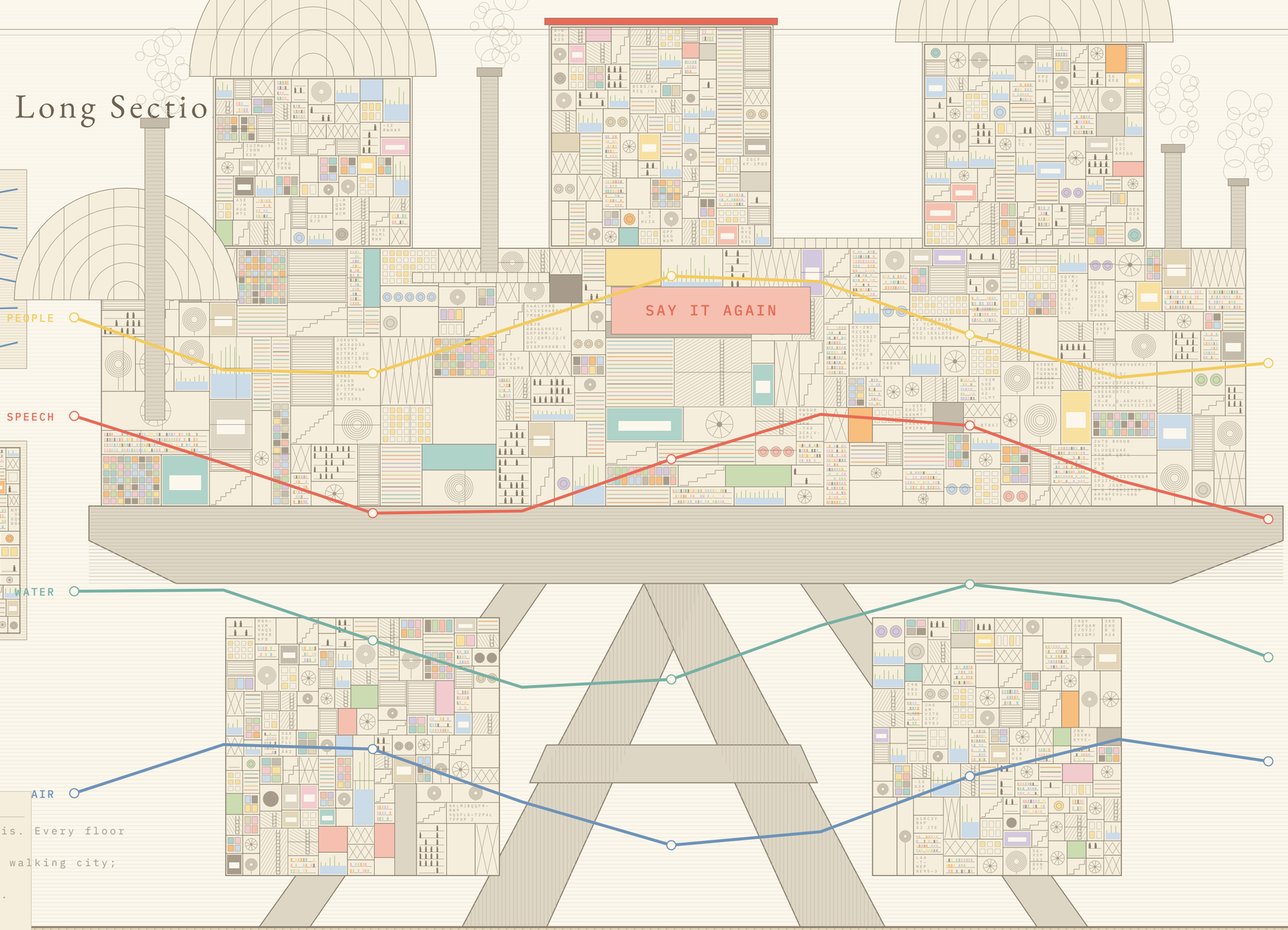


harbour to harbour

LOAD



load per leg, by hour



WHAT THE SECTION SHOWS

THE LETTER A cut on its long axis. Every floor is public. There is no private storey anywhere in a walking city; the section is the proof and the plate is the deed.

MM M RIPRAP KN · 2915 8671 — MM STACK 85.90 3853 % SPINE 1461 WELL ° 03.89 5877 CAISSON 34.28 78.61 = M 37.27 + = = 25.66 RIPRAP STA = / 71.10 KN T PAD 54.74 6695 BAND T 3206 PI MLW 4322 RIPRAP STACK MLW FT CAISSON BELL 36 88.28 61.88 BRIDGE PILOTIS BELL 7057 ° BRIDG TRUSS BULKHEAD T / RIPRAP STATION CELL BAY B BELL TRUSS = MM BAY MLW SILT STATION 31.30 9 PILOTIS TRUSS · 58.74 = 63.94 SILT / 9522 DE 2921 BULKHEAD BULKHEAD 03.49 MLW BULKHEAD 19 5804 PILOTIS DECK = 3635 MHW 16.05 STACK 42. GRIDSHELL 9995 62.42 BAY 95.74 7699 LEG 87.0 25.01 PLUME 7535 = BRIDGE 6441 5291 46.15 BE

AIR CIRCUIT · WATER CIRCUIT · SPEECH CIRCUIT · PEOPLE CIRCUIT

OCCUPATION AT SECTION

Resident 2660. Day 11150.

The difference walks aboard at one stati walks off at the next. Nobody is required to stay. That i whole design.

BAND LEG 1637 87.48 93.46 07.15 3028 4801 63 BRIDGE — SILT · 76.46 66.91 98.78 1746 · 71. 38.57 LAMP 67.18 9202 COLLAR BAND MM ° · FT FT 04.79 SPINE STACK 69.07 CAISSON MM 82.66 CELL M 31.83 692 2945 BAND LAMP 41.95 33.39 OYSTER TRUSS RIPRAP + 70.25 58.31 STACK 85.6 16.78 T 5509 6221 BRIDGE · KN + 85.62 16.53 BELL TIDE 07.17 12.62 MLW 53.89 · 85.73 / 43 3277 20.47 4204 9471 PILOTIS + 5031 KN / PLU 4196 68.75 = BULKHEAD MM RIPRAP BULKHEAD 37. 81.47 MLW CAISSON — 1559 5820 FT 61.53 — COL 33.81 + 82.77 BELL 9583 KN — + 40.56 — = LAM FT LAMP LUNG 47.22 2229 WELL MLW 38.26 2981

0 300 600 FT

SUPER WALKING CITIES

VOL I · PLATE 09

The Letter A — Long Section

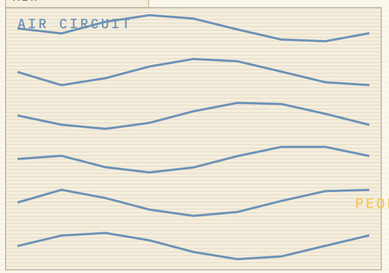
cut on the line of speech

1 : 900

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

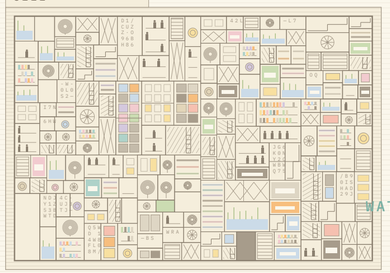
The Long Stair — Long Section

AIR

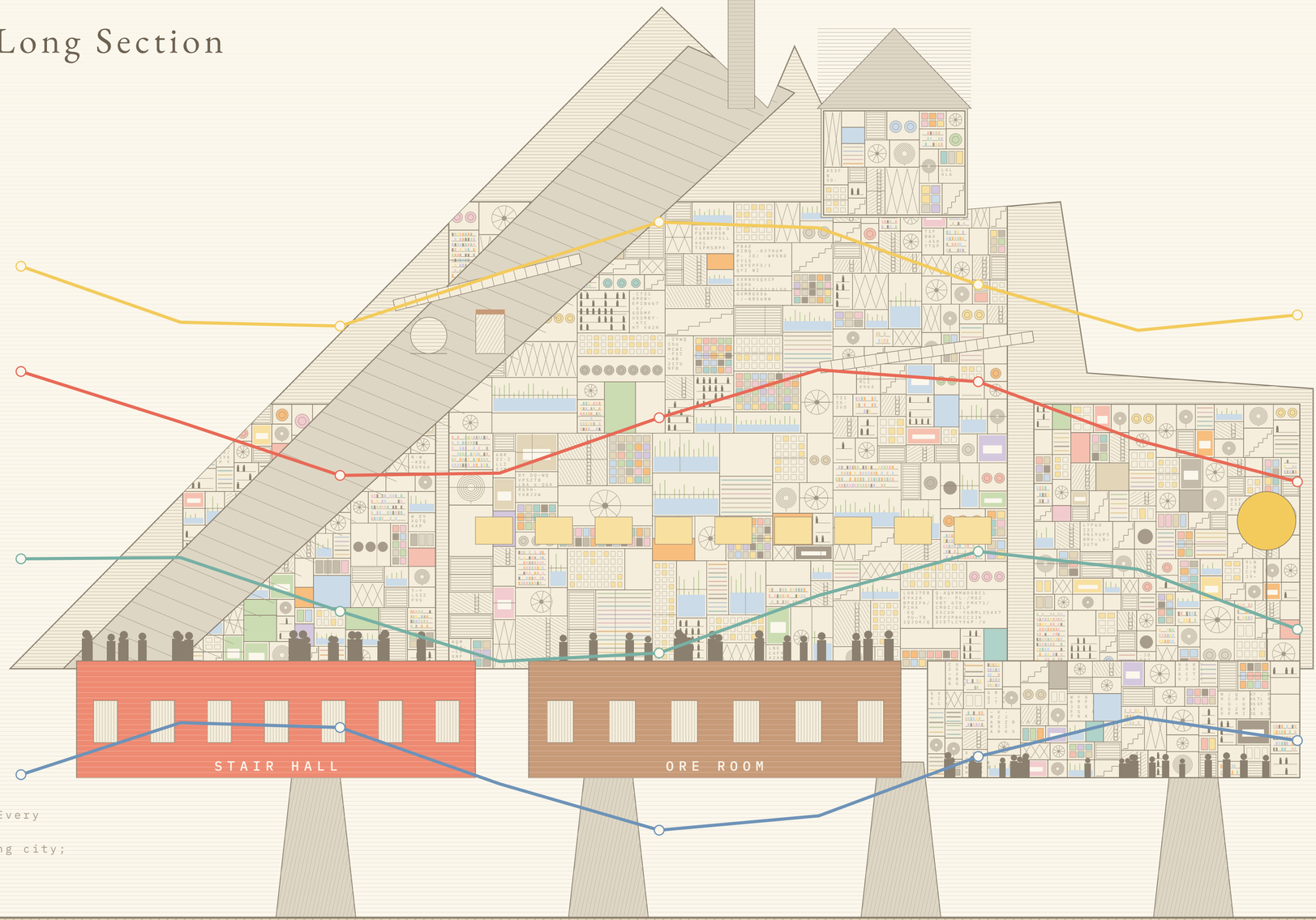


intake to stack

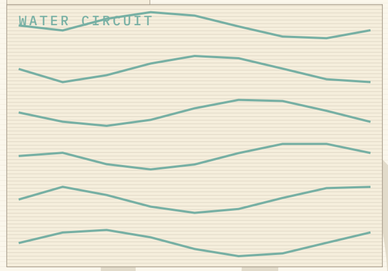
CELL



typical cut cell, 1:200

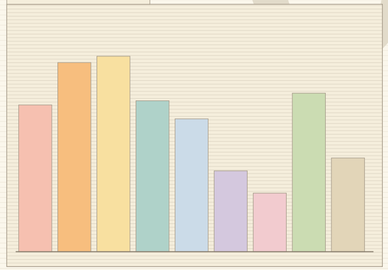


WATER



harbour to harbour

LOAD



load per leg, by hour

WHAT THE SECTION SHOWS

THE LONG STAIR cut on its long axis. Every floor is public. There is no private storey anywhere in a walking city; the section is the proof and the plate is the deed.

BRIDGE — % FT BAY 5444 LAMP = BAND 71.80 BUL CELL MHW 6088 SCOUR + 36.74 26.09 70.78 / LA MHW 41.26 = 02.70 55.21 RIPRAP + + MLW 03.36 STACK 691 SILT M DECK CELL 62.40 82.45 LUNG 17.40 LUNG M RIPRAP TIDE — 03.05 ° 33.10 PIL 29.08 COLLAR ° FT CELL 4194 80.82 4170 · SPI 1377 7340 LAMP 3726 33.31 TRUSS 37.27 GRIDSH 91.55 58.39 SPINE FT + 7623 4158 GRIDSHELL % 62.02 95.09 66.03 72.67 BAY FT MHW = 13.61 = 43.15 COLLAR M 87.02 SPINE 33.23 33.31 + RIP / LAMP T 1082 23.77 — GRIDSHELL KN M — SCOUR · 72.81 + 2588 CELL STATION STACK 3749 STATI KN 10.57 TIDE 438 11.44 BELL 60.80 47.63 50.

OCCUPATION AT SECTION

Resident 2580. Day 9600.

The difference walks aboard at one stati walks off at the next. Nobody is required to stay. That i whole design.

+ · / PAD 16.67 MM % BAY PAD MHW PILOTIS TID % RIPRAP BAND — COLLAR FT PLUME — CAISSON 86 GRIDSHELL 85.22 TRUSS 435 TRUSS 6267 03.24 L BULKHEAD 68.39 61.53 7959 CAISSON FT PAD STA 77.49 STACK DECK 77.58 MLW BAND BRIDGE CAISS LAMP COLLAR + 59.73 + 37.30 3551 BELL RIPRAP BAND ° 30.87 SILT SPINE KN 67.62 COLLAR 02.6 GRIDSHELL 73.13 ° · 05.61 3899 9210 RIPRAP 8 / T TRUSS 54.14 SCOUR MM STACK MHW STATION — DECK M 8275 BRIDGE RIPRAP 9671 20.72 87.77 6 STATION — PILOTIS 6663 + M KN 7852 PILOTIS 7 SILT 3727 % MM SILT 24.68 PLUME WELL + PLUME M 479 / 44.83 85.16 54.21 1401 25.23 STATION

0 300 600 FT

AIR CIRCUIT · WATER CIRCUIT · SPEECH CIRCUIT · PEOPLE CIRCUIT

SUPER WALKING CITIES VOL I · PLATE 10

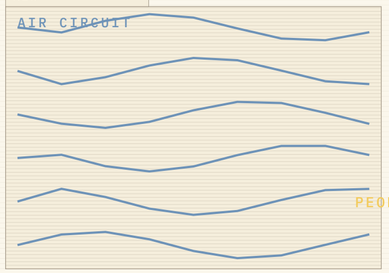
The Long Stair — Long Section

cut on the line of speech

1 : 900

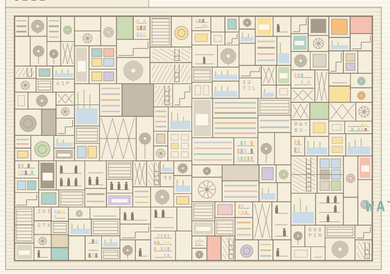
The Cradle — Long Sectio

AIR

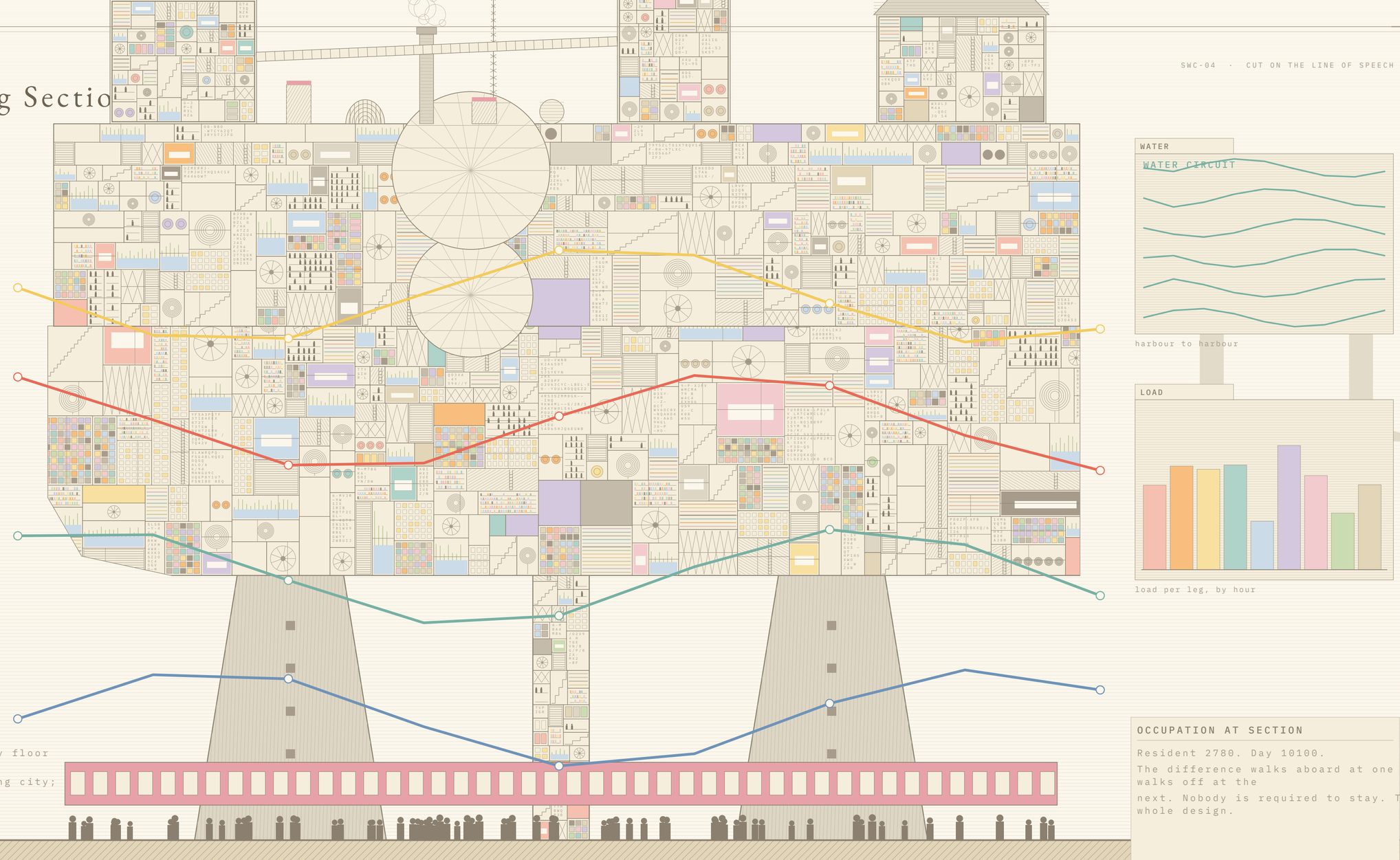


intake to stack

CELL



typical cut cell, 1:200



WATER

harbour to harbour

LOAD

load per leg, by hour

WHAT THE SECTION SHOWS

THE CRADLE cut on its long axis. Every floor is public. There is no private storey anywhere in a walking city; the section is the proof and the plate is the deed.

3494 SPINE 68.70 9104 WELL · + OYSTER BAY PI T SPINE = MM 1736 73.77 STACK DECK BELL 15.8 / SPINE · = 3928 / · T + — 98.76 BAY STATION CELL M 7684 CAISSON 09.15 · 7376 98.04 · 33. / 31.01 25.66 STACK RIPRAP BRIDGE WELL % 300 60.61 FT BELL WELL + 3698 — / BAY 4785 · 26. SPINE 1028 MM SILT 32.81 = 36.57 18.82 1727 = PAD 24.94 3560 / 38.24 T 5426 SCOUR SILT 6 73.81 34.12 WELL 5682 CELL — LAMP 907 KN = S SPINE PAD 49.94 MLW 53.46 / DECK BRIDGE 29.2 SILT SILT · BELL · PILOTIS 19.22 CELL T PILO = — PLUME 4443 STATION + 4130 BELL 14.48 — = % DECK 87.25 LAMP 01.57 01.00 MHW SCOUR WELL

AIR CIRCUIT · WATER CIRCUIT · SPEECH CIRCUIT · PEOPLE CIRCUIT

OCCUPATION AT SECTION

Resident 2780. Day 10100.

The difference walks aboard at one stati walks off at the next. Nobody is required to stay. That i whole design.

MLW 6190 WELL BELL BAY 73.79 — SPINE WELL SI 40.92 M ° MLW DECK PAD BULKHEAD COLLAR DECK DECK MHW = 42.46 PILOTIS 65.50 STACK GRIDSHE 689 STACK 87.20 M + 7333 06.73 T 4070 BELL T 76.54 MM PILOTIS · 3650 6799 BRIDGE 5416 KN 59.46 620 CAISSON PAD PLUME TIDE BULKHEAD ST CAISSON OYSTER BULKHEAD ° 3592 MM = T KN 854 PAD = SILT 73.15 STACK BELL 59.21 MHW — KN 8 M 87.81 4410 = 7665 BAND LEG 8984 = WELL MM 62.72 06.06 · 738 PLUME CAISSON 2694 4263 88 540 CELL MLW 68.09 BAY 2052 3058 90.15 = + B 29.23 94.85 CAISSON T RIPRAP MM DECK % 727 = · 89.80 — 4116 26.32 T STATION 53.13 6157 20

0 300 600 FT

SUPER WALKING CITIES VOL I · PLATE 11

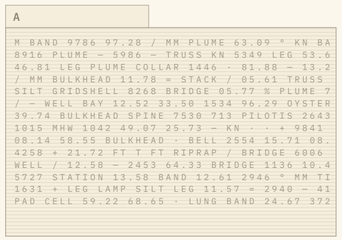
The Cradle — Long Section

cut on the line of speech

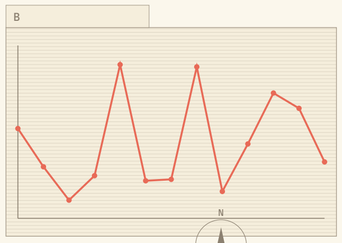
1 : 900

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

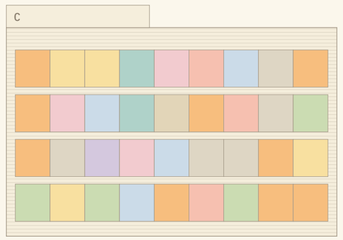
Typical Deck Plan


A
M BAND 9786 97.28 / MM PLUME 63.09 ° KN BA
8916 PLUME — 5986 — TRUSS KN 5349 LEG 53.6
46.81 LEG PLUME COLLAR 1446 · 81.88 — 13.2
/ MM BULKHEAD 11.78 = STACK / 05.61 TRUSS
SILT GRIDSHELL 8268 BRIDGE 05.77 % PLUME 7
/ — WELL BAY 12.52 33.50 1534 96.29 OYSTER
39.74 BULKHEAD SPINE 7530 713 PILOTIS 2643
1015 MHW 1042 49.07 25.73 — KN · · + 9841
08.14 58.55 BULKHEAD · BELL 2554 15.71 08.
4258 + 21.72 FT T FT RIPRAP / BRIDGE 6006
WELL / 12.58 — 2453 64.33 BRIDGE 1136 10.4
5727 STATION 13.58 BAND 12.61 2946 ° MM TI
1631 + LEG LAMP SILT LEG 11.57 = 2940 — 41
PAD CELL 59.22 68.65 · LUNG BAND 24.67 372

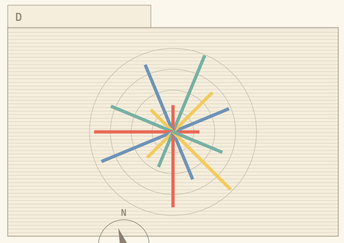
survey notation



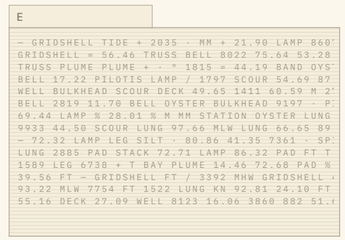
load, by hour



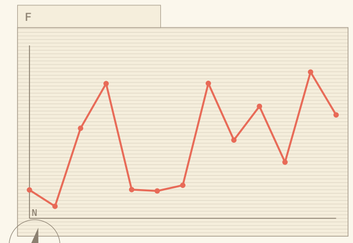
tone register



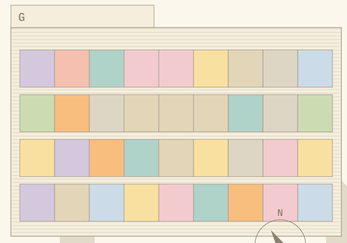
wind and speed


E
— GRIDSHELL TIDE + 2035 · MM + 21.99 LAMP 860
GRIDSHELL = 56.46 TRUSS BELL 8022 75.64 53.28
TRUSS PLUME PLUME + · · ° 1815 = 44.19 BAND OYS
BELL 17.22 PILOTIS LAMP / 1797 SCOUR 54.69 87
WELL BULKHEAD SCOUR DECK 49.65 1411 60.59 M 2
BELL 2819 11.70 BELL OYSTER BULKHEAD 9197 · P
69.44 LAMP % 28.01 % M MM STATION OYSTER LUNG
9933 44.50 SCOUR LUNG 97.66 MLW LUNG 66.65 89
— 72.32 LAMP LEG SILT · 80.86 41.35 7361 · SP
LUNG 2885 PAD STACK 72.71 LAMP 86.32 PAD FT T
1589 LEG 673B + T BAY PLUME 14.46 72.68 PAD %
39.56 FT — GRIDSHELL FT / 3392 MHW GRIDSHELL
93.22 MLW 7754 FT 1522 LUNG KN 92.81 24.10 FT
55.16 DECK 27.09 WELL 8123 16.06 3860 882 51.

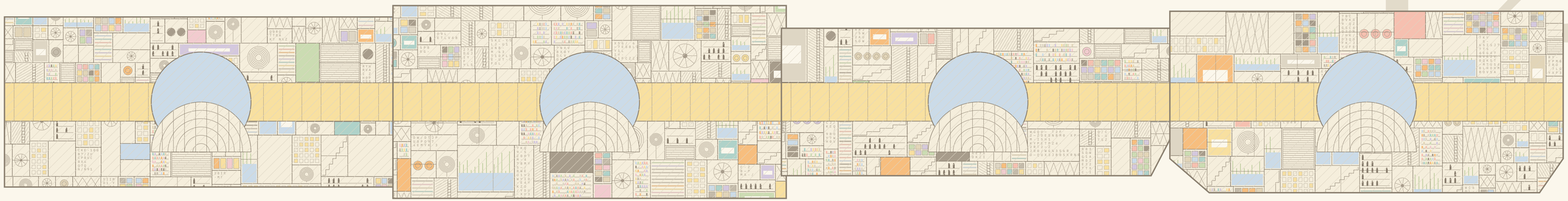
tide record



salt gained



paint stock



SWC-01	THE RED SHED	3 LEG	SWC-02	THE LETTER A	2 LEG	SWC-03	THE LONG STAIR	4 LEG	SWC-04	THE CRADLE	2 LEGS

EVERY DECK IS A FLOOR YOU MAY WALK ONTO WITHOUT ASKING

NOTE ON THE PLAN

The deck plans differ only in outline. Inside they are the same argument: a spine, a lung, and rooms that can be re-cut in a night. A walking city that cannot be re-cut is a building, and a building cannot hold a conversation with anything.

THE SPINE

The amber band is the spine: 40 feet wide, unobstructed, running the full length of every deck and ending in open air at both faces. Nothing may be stored on it, sold on it, or fenced across it.

0 200 400 FT

SUPER WALKING CITIES VOL I · PLATE 12

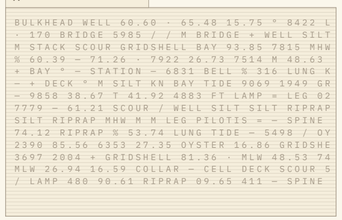
Typical Deck Plan

four footprints, one argument

1 : 1400

The Crown Plan

A

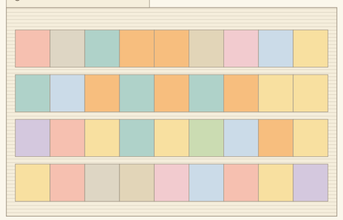


survey notation

B

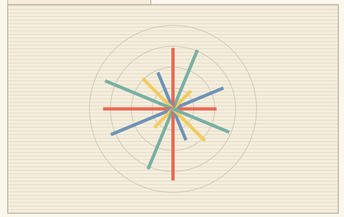
load, by hour

C



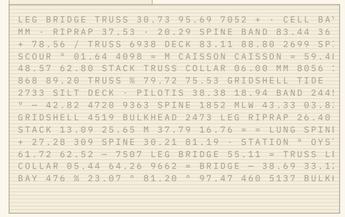
tone register

D



wind and speech

E

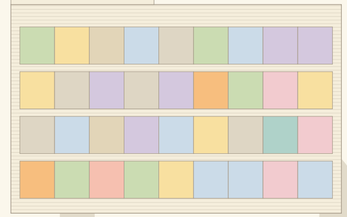


tide record

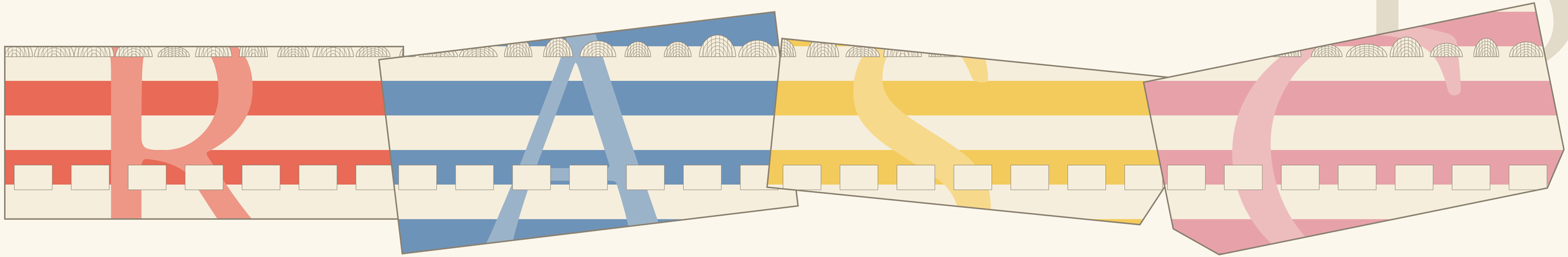
F

silt gained

G



paint stock



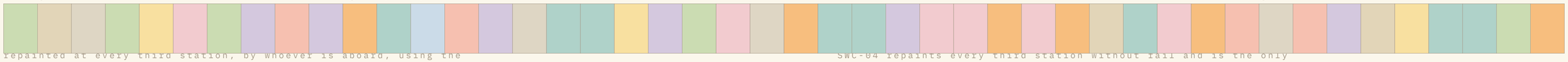
SWC-01 ROOF PAINTING	SWC-02 ROOF PAINTING	SWC-03 ROOF PAINTING	SWC-04 ROOF PAINTING
repainted at every third station	*repainted at every third station*	*repainted at every third station*	*repainted at every third station*

WHY THE ROOF IS PAINTED

Supergraphics were invented on walls. On a walking city they are put repainted at every third station, by whoever is aboard, using the palette on Plate 01 and no other.

WHAT THE FOUR ROOFS CURRENTLY SAY

SWC-01 carries an R in vermilion on seven bands: an answer, given SWC-04 repaints every third station without fail and is the only one of the four that has never repeated itself.



0 200 400 FT

SUPER WALKING CITIES VOL I · PLATE 13

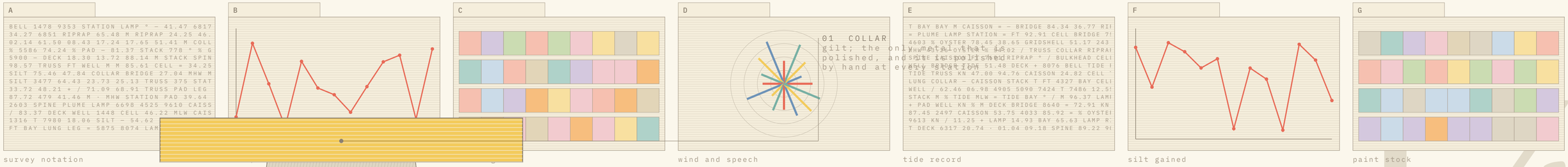
The Crown Plan

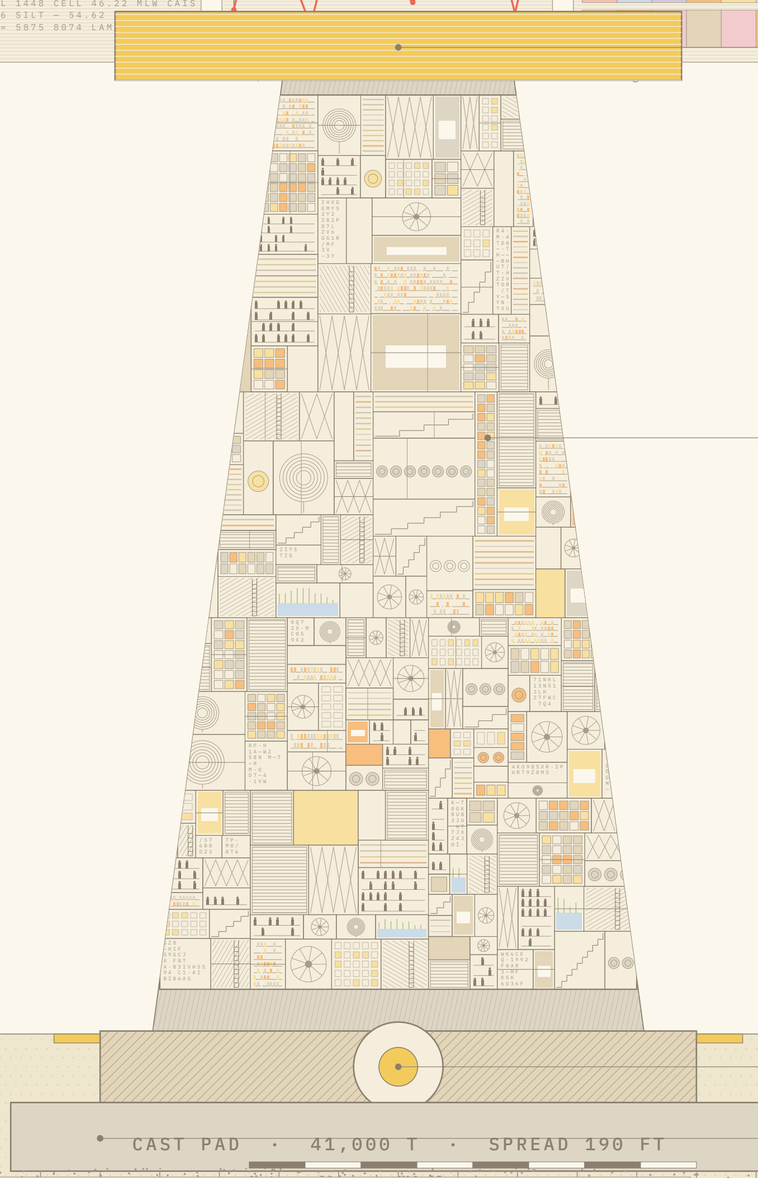
roof paintings of the four cities

1 : 1400

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

Leg, Collar, Foot, Pad


A
BELL 1478 9353 STATION LAMP ° — 41.47 6817 34.27 6851 RIPRAP 65.48 M RIPRAP 24.25 46. 02.14 61.50 08.43 17.24 17.65 51.41 M COLL % 5586 74.24 % PAD — 81.37 STACK 778 ° % G 5900 — DECK 18.30 13.72 88.14 M STACK SPIN 98.57 TRUSS FT WELL M M 85.61 CELL = 34.25 SILT 75.46 47.84 COLLAR BRIDGE 27.04 MHW M SILT 3477 64.43 23.73 25.13 TRUSS 375 STAT 33.72 48.21 + / 71.09 68.91 TRUSS PAD LEG 87.72 479 41.46 M · · MHW STATION PAD 39.64 2603 SPINE PLUME LAMP 6698 4525 9610 CAISS / 83.37 DECK WELL 1448 CELL 46.22 MLW CAIS 1316 T 7980 18.06 SILT — 54.62 FT BAY LUNG LEG = 5875 8074 LAM
survey notation
B
C
D
wind and speech
E
T BAY BAY M CAISSON = — BRIDGE 84.34 36.77 RII = PLUME LAMP STATION = FT 92.91 CELL BRIDGE 7(4603 % OYSTER 78.45 38.65 GRIDSHELL 51.17 243 MHW STATION % 02 / TRUSS COLLAR RIPRAI PILE CAISSON RIPRAP ° / BULKHEAD CELI LUNG COLLAR — CAISSON STACK T FT 4327 BAY CELI WELL / 62.46 06.98 4905 5090 7424 T 7486 12.5(STACK M % TIDE MLW = TIDE BAY ° / M 96.37 LAMI + PAD WELL KN % M DECK BRIDGE 8640 = 72.91 KN 87.45 2497 CAISSON 53.75 4033 85.92 = % OYSTEI 9613 KN / 11.25 + LAMP 14.93 BAY 65.63 LAMP R: T DECK 6317 20.74 · 01.04 09.18 SPINE 89.22 9(
tide record
F
silt gained
G
paint stock



01 COLLAR
gilt; the only metal that is polished, and it is polished by hand at every station.

02 SHAFT
post-tensioned, hollow, occupied; 14 storeys of workshop inside one leg

03 ANKLE
three-axis joint; the city steps, it does not roll

04 PAD
sits on marine clay; leaves a scar it then fills

THE FOOT IS THE ARGUMENT

A walking city is judged entirely by what it leaves behind.

The pad takes a scar out of the mud and hands back a basin

that fills with water, silt, ribbon weed and eventually

oysters. After nine years the shoreline of Manhattan is

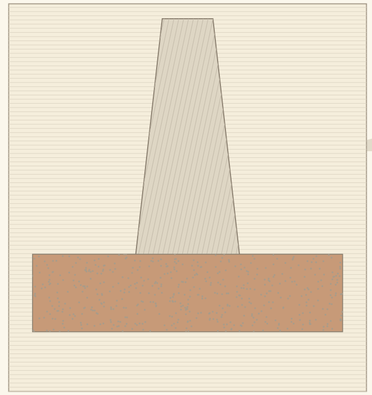
measurably wetter, softer and more populated than before

the cities arrived. This is the only performance claim

the atlas makes.

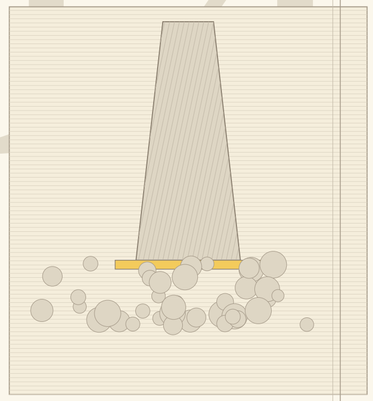
97.24 5860 LAMP 2132 CELL 9957 1694 98.89 7861 49. BULKHEAD BAY 97.94 — BAY 48.58 231 STACK 4555 79.(PILOTIS 90.09 CELL BELL + STACK 8111 SILT OYSTER (DECK · 46.97 9414 BELL BELL M CAISSON 1111 — SILT TIDE 55.53 — + ° 58.72 9044 46.30 29.91 OYSTER · : SILT 36.30 MLW + + WELL ° 7122 CAISSON + BAY STACI 1638 DECK 55.52 LAMP 2343 06.26 GRIDSHELL 2476 56. SPINE 4737 BULKHEAD 59.02 GRIDSHELL BAY FT 8905 M 6079 + 08.47 92.42 · M LEG LUNG = STATION 6357 = · SILT 05.70 WELL = 51.78 DECK 8348 T T STATION CELI

01 SOFT MUD



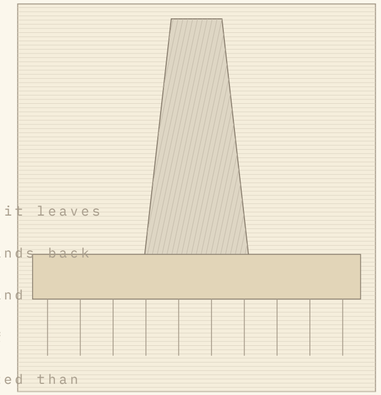
settles 400 mm in nine days

02 RIPRAP



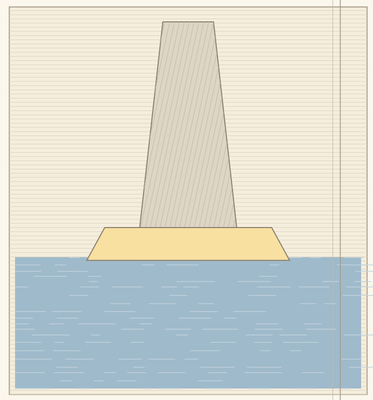
no settlement; noisy

03 PIER DECK



the pier is renewed, not spared

04 OPEN WATER



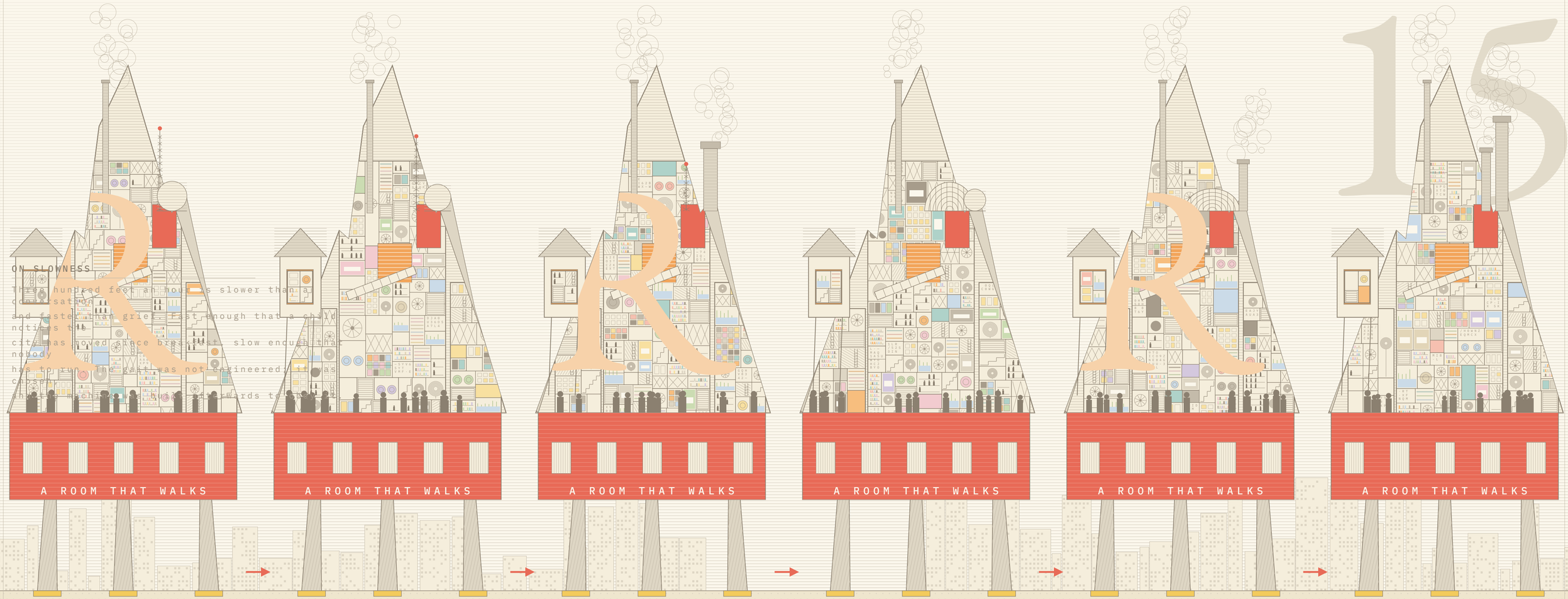
pontoon collar; the leg floats

Gait: One Hour, Four Steps

15

ON SLOWNESS

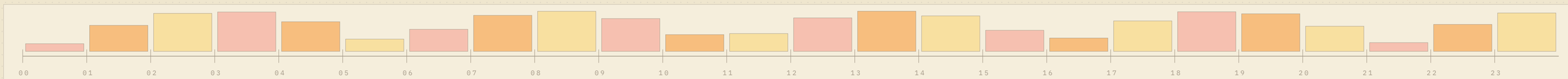
Three hundred feet an hour is slower than a conversation and faster than grief. Fast enough that a child notices the city has moved since breakfast. Slow enough that nobody has to run. The gait was not engineered. It was counted, then measured, then argued over in a workshop until the number stopped changing.



T + 00 MIN	T + 10 MIN	T + 20 MIN	T + 30 MIN	T + 40 MIN	T + 50 MIN
0 FT	50 FT	100 FT	150 FT	200 FT	250 FT
legs down, at rest	*front leg lifting*	*front leg swinging*	*front leg landing*	*weight transferred*	*at rest, 300 ft on*

STEP RECORD · ONE DAY · EACH BAR IS ONE HOUR OF WALKING

TOTAL 7,200 FT · 1.36 MILES



SUPER WALKING CITIES

VOL I · PLATE 15

Gait: One Hour, Four Steps

the walking sequence and its notation

1 : 3000

Air: The Pneumatic Lung

A

SPINE 69.22 18.25 TRUSS 09.82 STATION 184 COLLAR · 62.15 = — 53.17 PAD OYSTER % 67 BULKHEAD MLW BULKHEAD OYSTER STATION PILOT 66.09 ° · PILOTIS MM 3244 LEG DECK — KN PA COLLAR WELL BULKHEAD 2408 + — 3225 CAISSON 7124 OYSTER SCOUR DECK 1615 16.92 40.05 ° 3782 SILT DECK / CELL WELL 22.04 3190 + ST BELL 4230 · MLW 80.57 = RIPRAP COLLAR % — SCOUR PILOTIS 79.04 1919 + MHW 3079 21.76 09.92 BAY = 4418 = 7912 % KN T GRIDSHELL M STATION — 48.32 8820 ° CAISSON · TRUSS BAN LAMP GRIDSHELL ° COLLAR 57.62 SPINE DECK · 93.81 BRIDGE 53.68 CELL MHW 13.02 2911 — 3 MLW RIPRAP 7912 51.96 TIDE 7432 + 09.79 +

survey notation

B

01 GRIDSHELL
3,400 panels, opens in fair weather

02 WASH DECK
harbour air washed and warmed

03 STACK
plume legible at nine miles

logged by hour

C

tone register

D

wind and speech

E

— 53.47 45.46 + PLUME 04.47 — 72.74 45.47 MM BAND BULKHEAD 4323 RIPRAP STATION 84.71 28.70 10.61 2028 835 44.22 49.62 M STACK WELL 16.25 SILT TIDE 3849 DECK MM 69.48 154 COLLAR M % 8 = = TRUSS WELL 12.03 9153 CELL STACK 61.47 M 91.12 MLW 86.97 16.79 KN PLUME LEG 62.85 — BA 8828 / FT — ° 04.10 KN OYSTER BRIDGE SPINE ° + 5295 3235 72.89 LEG 58.49 DECK BRIDGE T M 1 61.76 CELL M % CELL BRIDGE 9289 52.67 MHW GRI 2840 8917 8388 55.61 70.55 WELL TIDE 37.81 49 21.35 · BAND 09.21 CAISSON 91.28 87.21 1369 K CAISSON 3315 29.93 DECK 94.81 TIDE BELL M 825 23.46 MM 83.51 8731 — M — CAISSON KN SPINE 89 / 7251 MHW 734 BULKHEAD 85.10 ° STACK = TIDE

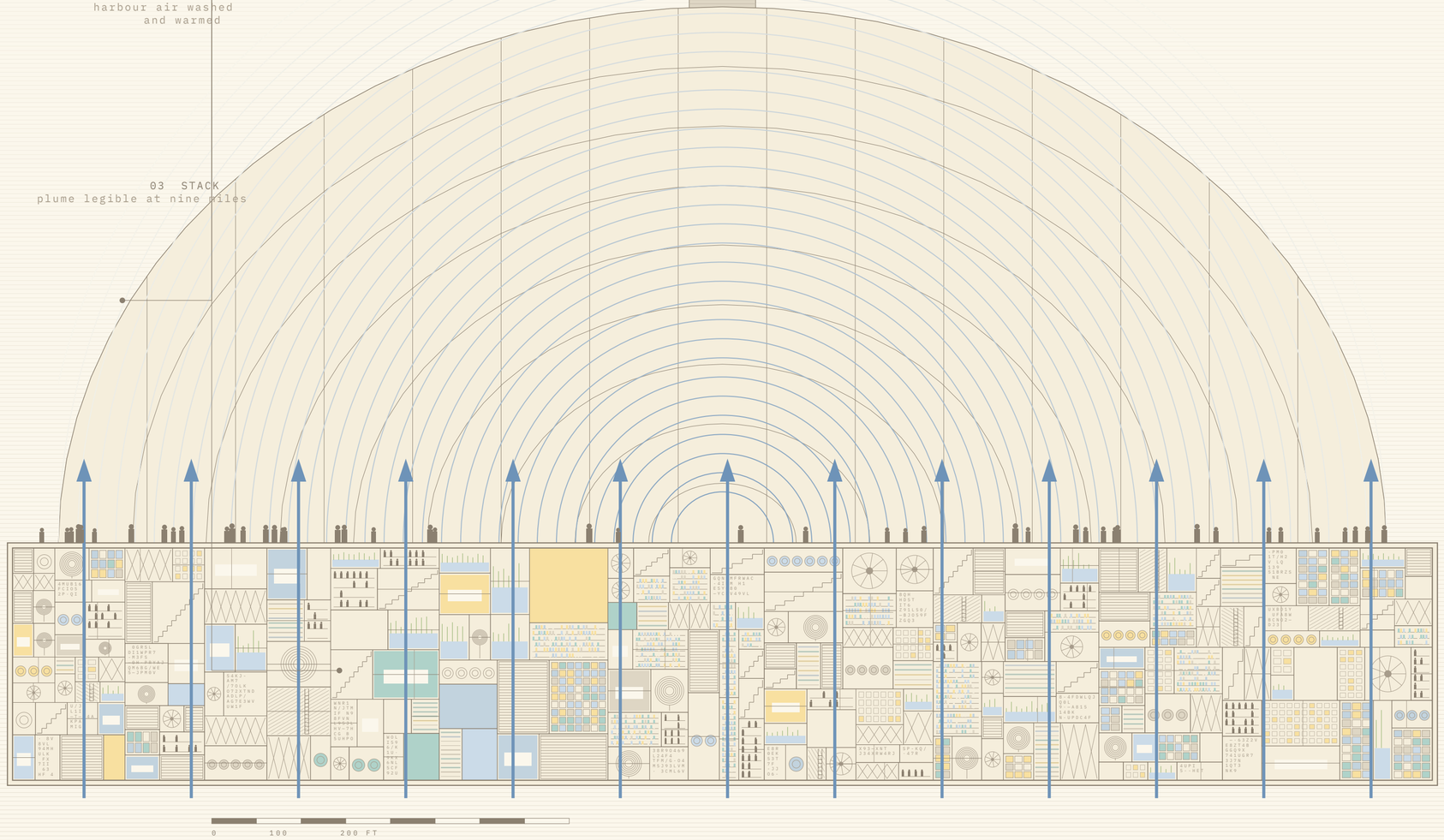
tide record

F

silt gained

G

paint stock



0 100 200 FT

WHAT ONE LUNG DOES IN A DAY

Air moved: 41 million cubic metres.
Particulate removed: 2.8 tonnes, pressed into cakes an

INTAKE *harbour air, unfiltered*	21 %
SETTLING *18 minutes at rest*	28 %
WET WASH *seawater curtain, 9 m*	35 %
DRY FILTER *pleated; changed weekly*	42 %
WARMING *heat from the plant*	49 %
STACK *released at 38 °C*	56 %

11.12 / 63.49 KN — 41.58 M BAY OYSTER 13.05 T SCOUR = 65.71 1323 14 + = 1306 05.63 TIDE % 40.84 LUNG 338 GRIDSHELL MM 77.71 · 1560 T / 7 / BAND MHW % KN 2455 M MLW 5100 8014 36.79 96.97 WELL 5673 42.52 51 WELL 6054 SILT = FT 43.85 70.43 BRIDGE 16.46 = WELL PAD COLLAR LAMP STATION 51.15 SILT 69.91 + · 59.35 4432 TRUSS T SCOUR 16.57 11.66 M GRIDSHELL ° / — 46.82 STACK LEG 87.73 · 52.85 73.60 4660 OYSTER SIL ° SILT RIPRAP PAD 6997 PILOTIS 1894 LUNG PLUME FT PILOTIS MHW OYSTE PILOTIS STATION / LUNG STACK 51.89 LAMP COLLAR + CELL 9872 + 37.68 KN 76.89 BRIDGE MLW M — 18.80 BAND 3497 4768 COLLAR SPINE 70.02 MLW 63.16 / + TRUSS 9691 LEG MHW 1945 T BULKHEAD 9408 TIDE PILOTIS COLL

SUPER WALKING CITIES VOL I · PLATE 16

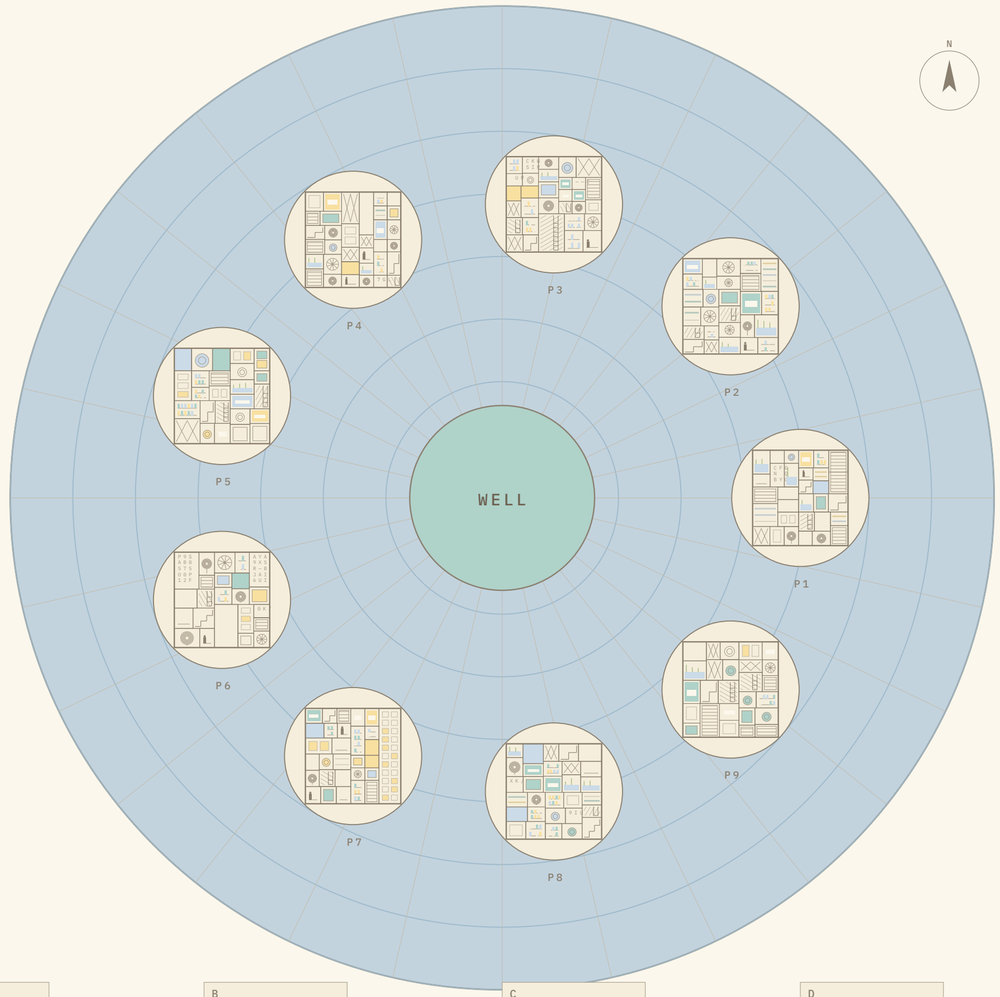
Air: The Pneumatic Lung

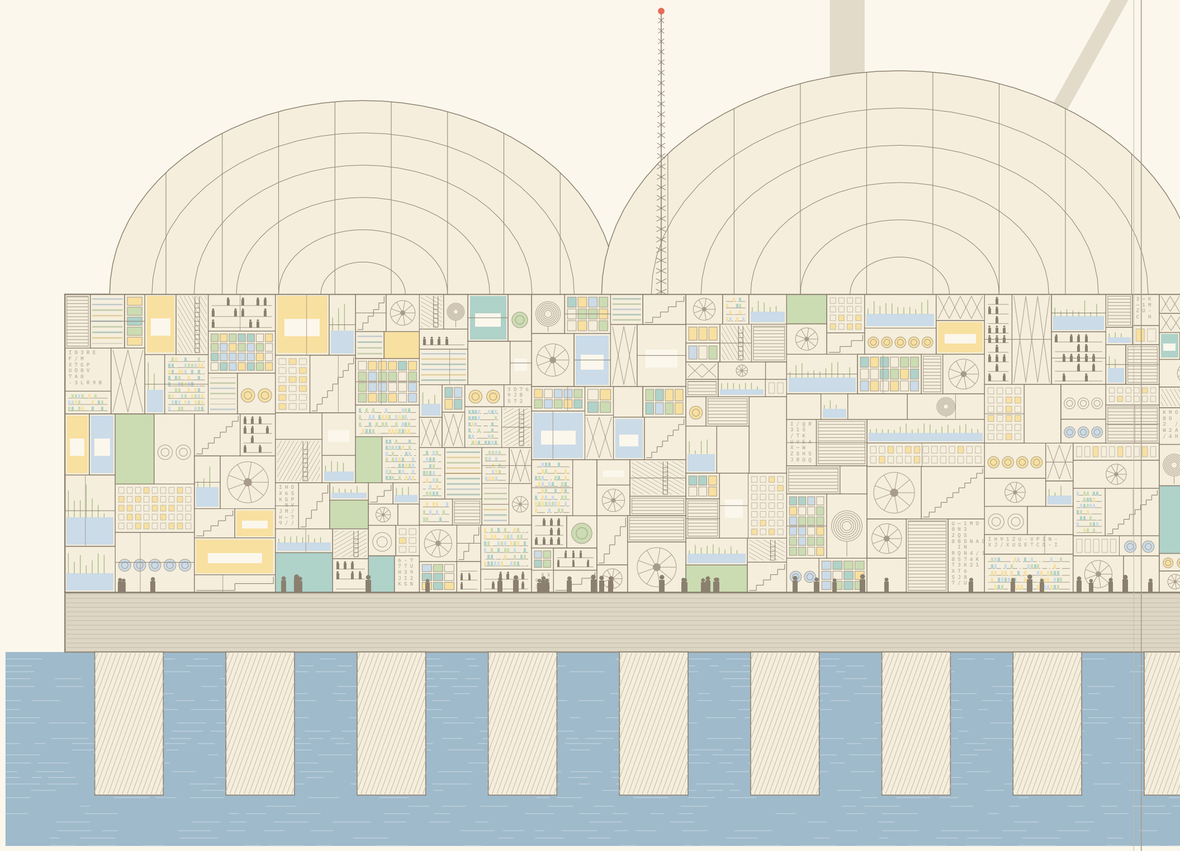
the system that gives the city its voice

1 : 600

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

Water: The Super Water Pavilion





SECTION · 1 : 800

HOW THE PAVILION WORKS

The pavilion is not part of the city. It is towed, moored, and left behind. Nine bathing rooms ring a central well that draws harbour water, holds it in nine descending pools, and returns it eleven degrees colder and clear. Between stations the pavilion stays put and becomes a public bath belonging to whoever lives nearest. The city takes nothing with it but the drawing.

0 150

SUPER WALKING CITIES VOL I · PLATE 17

Water: The Super Water Pavilion

plan, section, and four aerials

1 : 800

How the Cities Converse

AGREED — AT THE TURN OF THE TIDE

SAY THAT AGAIN, SLOWER

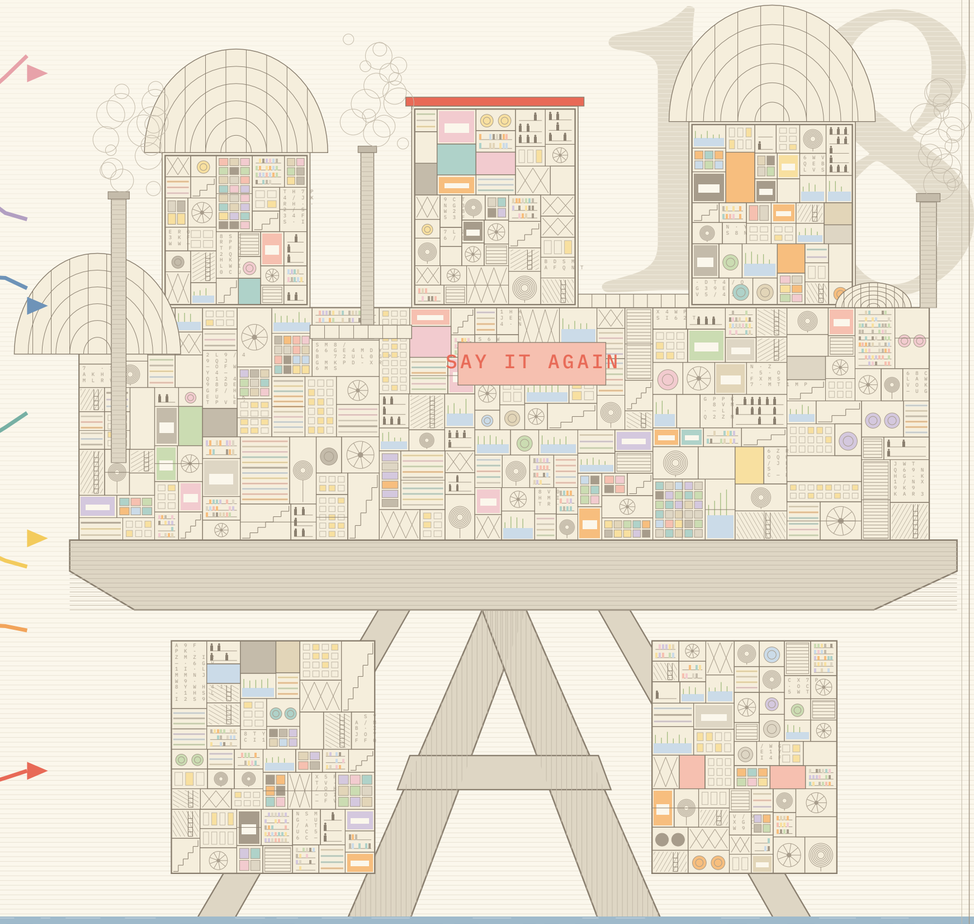
WE SHOULD BOTH BE SEEN

THE MUD IS SOFT HERE

BRING THE PAVILION

THEN I WILL WAIT

I AM MOVING NORTH



LAMP	*on = speaking · off = listening · flicker = wait*
PLUME	*height is volume · lean is direction*
BAND	*painted band on the plinth; the last sentence*

SUPER WALKING CITIES — VOL I · PLATE 18

How the Cities Converse

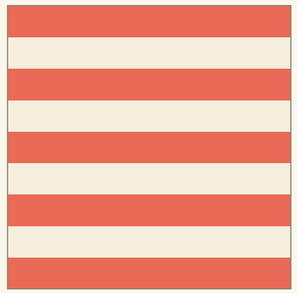
the five channels and the one rule

NOT TO SCALE

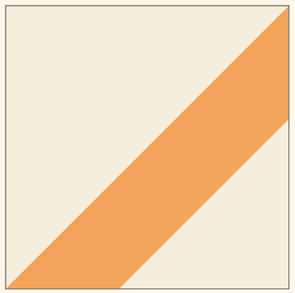
THE ONLY RULE OF THE CONVERSATION

A city may not move toward another city that has not answered. Everything else — speed, route, duration, silence — is permitted. The whole shoreline itinerary in Volume II is the record of nine years of cities obeying that one rule and nothing else.

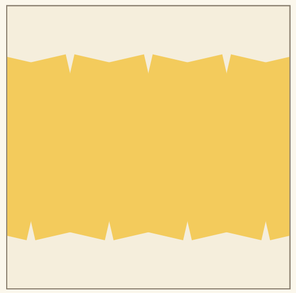
Supergraphic Catalogue



01 STRIPE FIELD

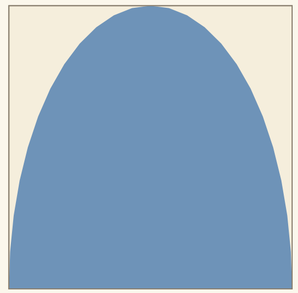


02 DIAGONAL



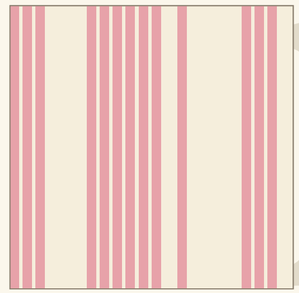
03 CHEVRON

04 TARGET

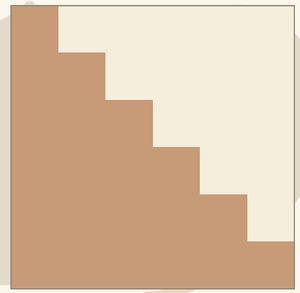


05 HALF DISC

06 SUPER LETTER

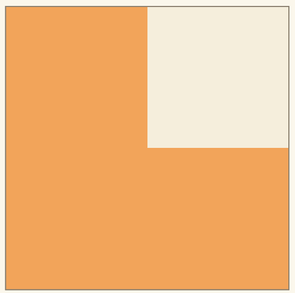


07 BAR CODE

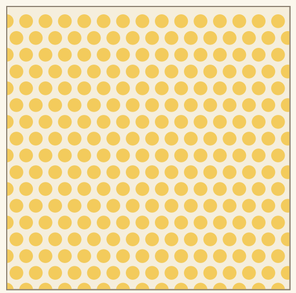


08 STEP

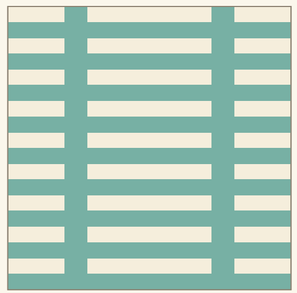
09 ARC



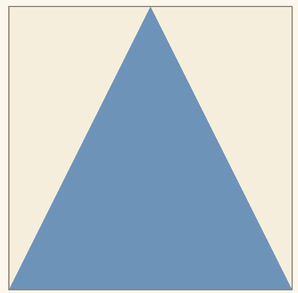
10 SPLIT FIELD



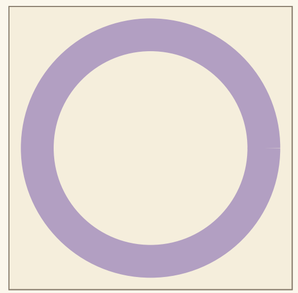
11 DOT FIELD



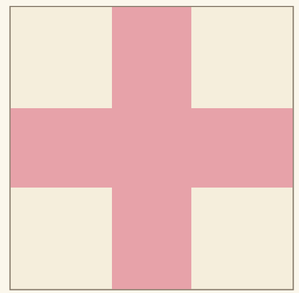
12 LADDER



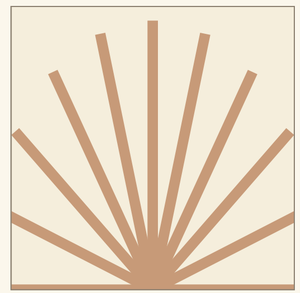
13 WEDGE



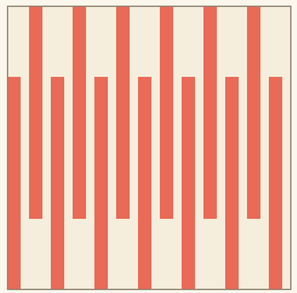
14 RING



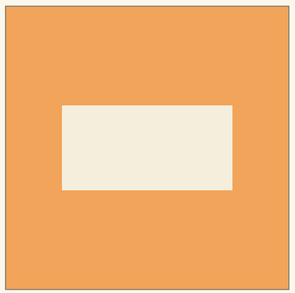
15 CROSS BAND



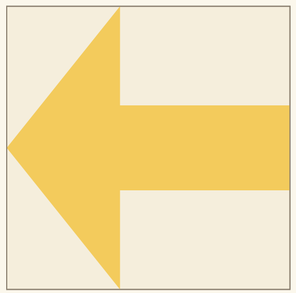
16 FAN



17 COMB



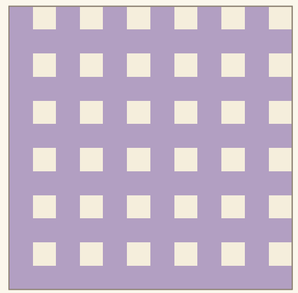
18 SLOT



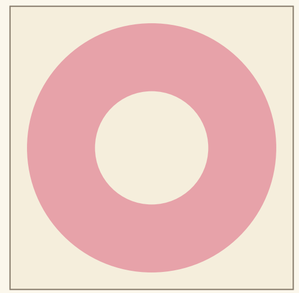
19 DOUBLE ARROW

20 QUARTER

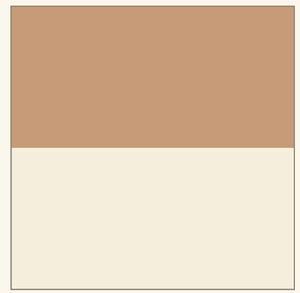
21 ZIG



22 GRID



23 EYE



24 HORIZON

AFTER SEA RANCH

Supergraphics were invented in 1966 by Barbara Stauffacher Solomon, who painted hard-edged stripes, arrows, circles and letters across the interiors at The Sea Ranch at a scale the rooms could not contain. The figures destroyed the architectural plane and told you how to use the space at the same time. This catalogue takes that move outdoors, onto a moving object, at a thousand times the size. Twenty-four figures;

RULE OF APPLICATION

A figure may cross a joint, a floor, a window, a leg, and a person. It may not be resized to fit the surface it is painted on. If it does not run off the edge of the thing it is painted on, it is decoration and must be painted out.

SUPER WALKING CITIES VOL I · PLATE 19

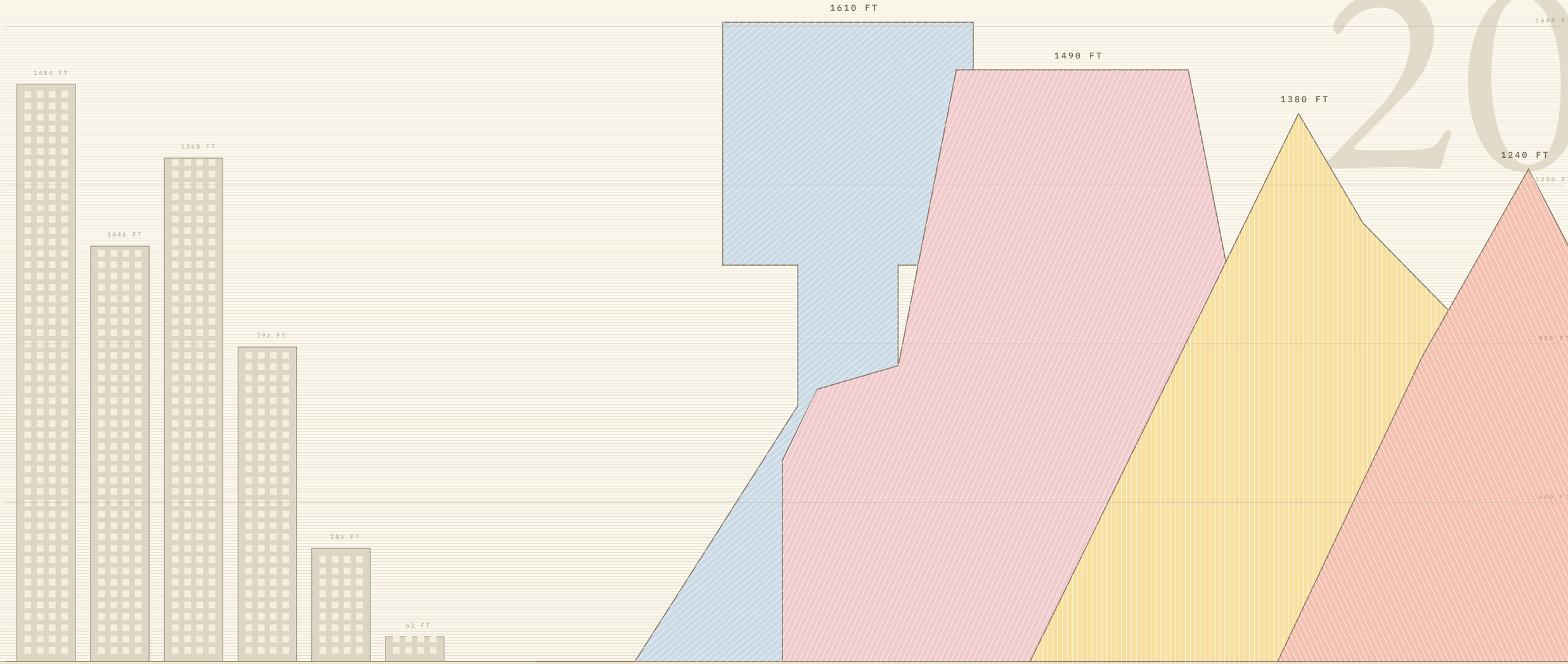
Supergraphic Catalogue

twenty-four figures for the skin of a walking city

1 : 400

SURJAN SUPER SCHOOL · HYPOSTYLE PRESS · SURJAN, WITH THE AID OF CLAUDE

Against the Island



WHY THIS PLATE IS IN THE ATLAS

Because everyone asks. The tallest walking city is taller than the Empire State Building and stands on three legs in eleven feet of water.

SUPER WALKING CITIES VOL I · PLATE 20

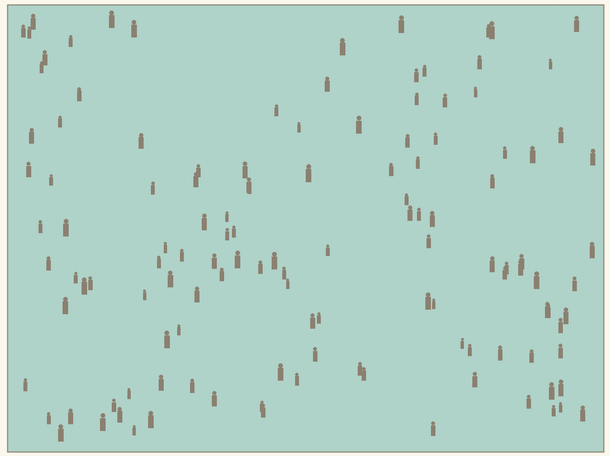
Against the Island

the cities measured against Manhattan

1 : 1650

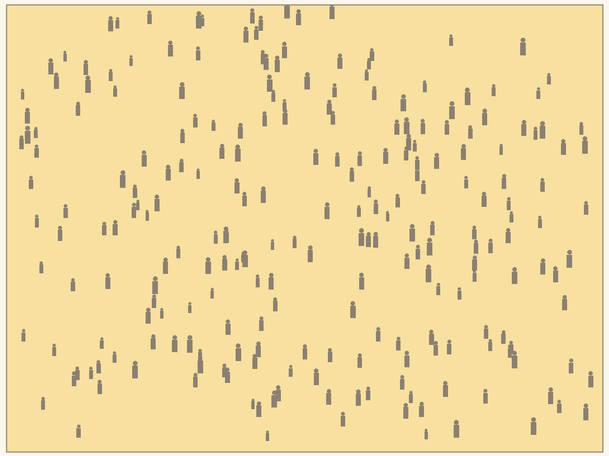
Who Is Aboard

BATHERS 1,400



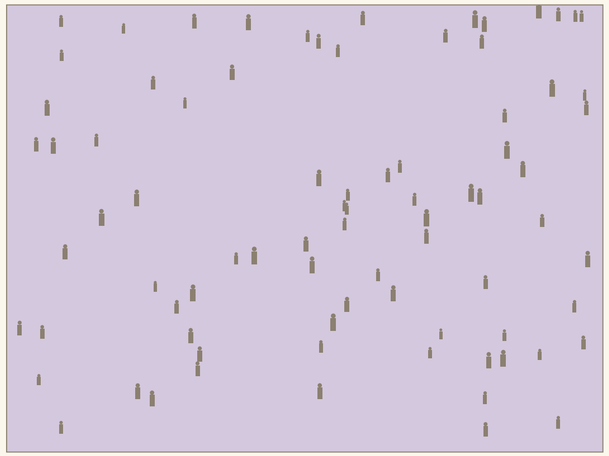
nine pools, descending, always open

WALKERS 2,600



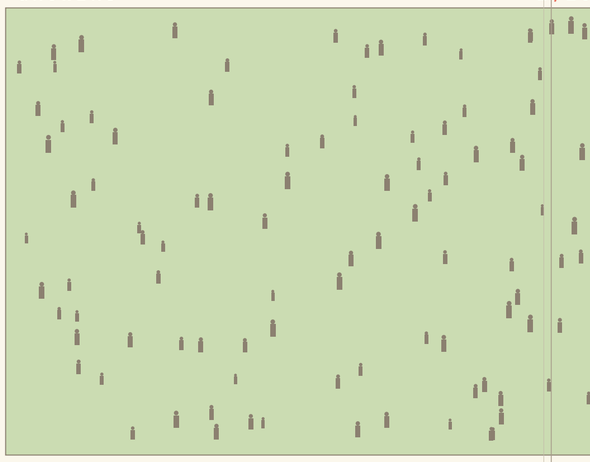
the deck is a street that leaves

READERS 900



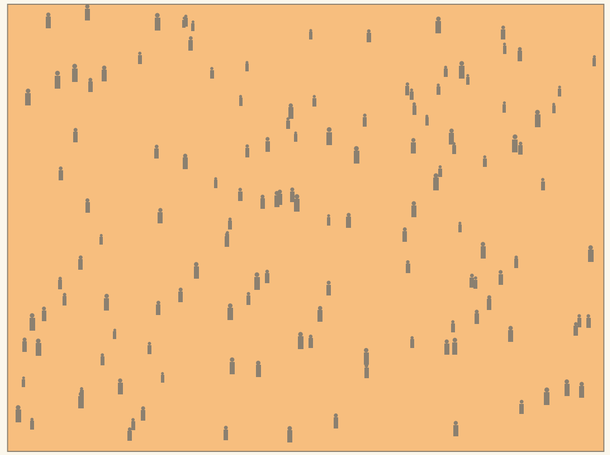
the archive is 41,000 volumes and grows

GROWERS 1,10



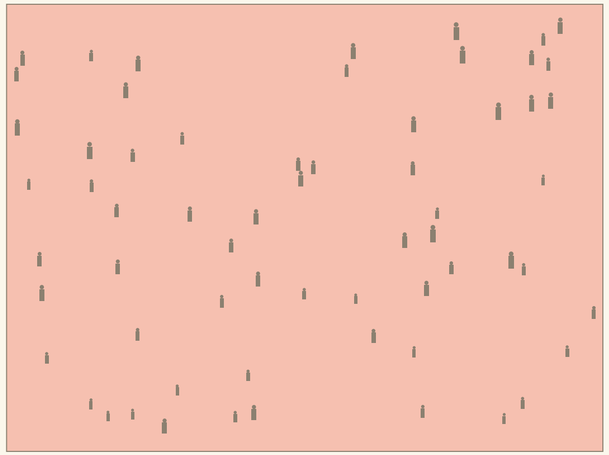
eleven acres of soil carried at height

MAKERS 1,500



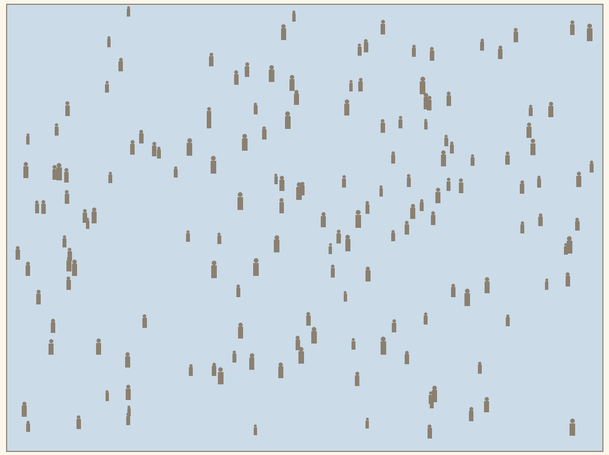
every workshop faces the water

SINGERS 700



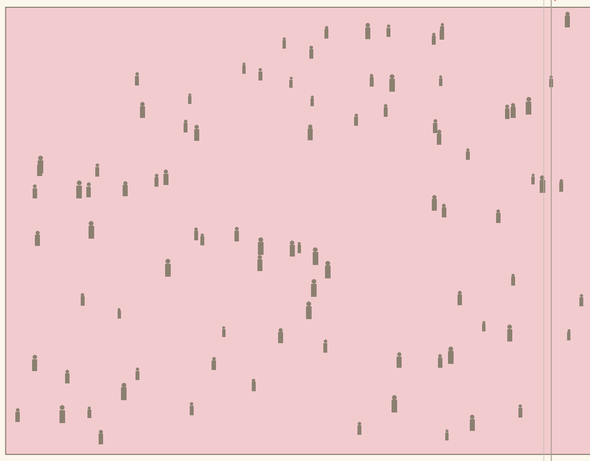
the choir is how the city is tuned

SLEEPERS 1,800



no rent is charged and none is owed

MOURNERS 1,00



the reason all of this was built

THE COUNT

Eleven thousand aboard at midday; two thousand four hundred at night.
Nobody is required to stay, nobody is required to leave, and nobody

SUPER WALKING CITIES VOL I · PLATE 21

Who Is Aboard

occupation of a single walking city at noon

1 FIGURE = 11 PEOPLE

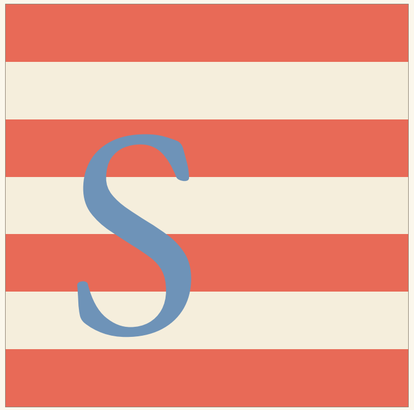
Two Inheritances

I. SUPERGRAPHICS, 1965 –

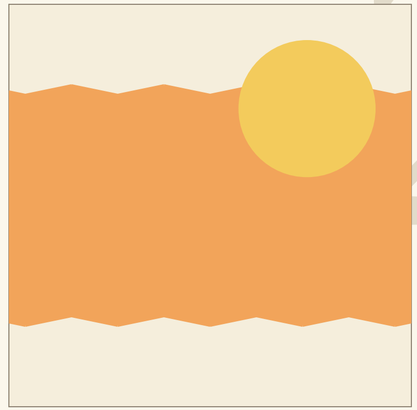
Barbara Stauffacher Solomon, trained in Basel under Armin Hofmann, brought Swiss hard-edge modernism to California and in 1965–66 painted the interiors of The Sea Ranch — stripes, arrows, circles, letters — at a scale that broke the rooms open. Life magazine named the result 'supergraphics' in 1966. Charles Moore took the move further, using colour to explode the corners of his own buildings.

The lesson taken here: a graphic figure larger than its surface stops being decoration and becomes architecture. It tells you how to use the space and it destroys the plane at the same time.

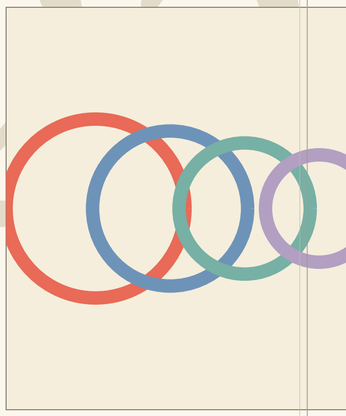
The lesson refused here: that supergraphics belong indoors. On a walking city the figure is painted on the roof, at a thousand times the size, and aimed at another city across the water.



STRIPE + LETTER



CHEVRON + DISC



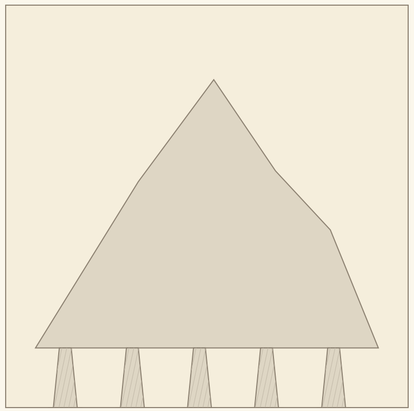
TARGET SERIES

II. WALKING ARCHITECTURE, 1964 –

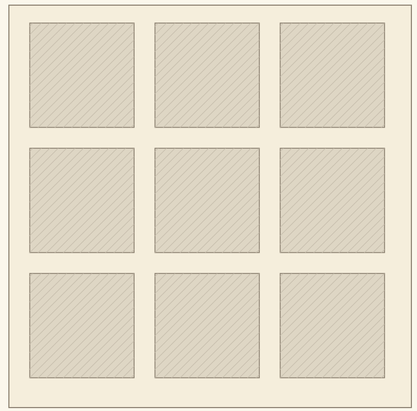
Ron Herron's Walking City, drawn for Archigram in 1964, put an insect-legged metropolis in the East River and let it wander. Plug-In City and Instant City followed. Constant's New Babylon (1959–74) hung a nomadic sector-city above the old one. Superstudio's Continuous Monument (1969) laid a single gridded object across Manhattan and refused to explain itself.

The lesson taken here: a city that moves is an argument about who the ground belongs to.

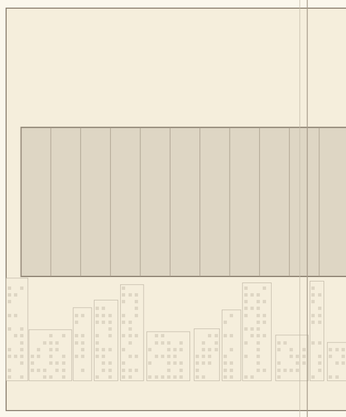
The lesson refused here: the irony. These plates are not satire. The Super Walking Cities are built, occupied, warm, slow, and sincere. They walk because they are talking to each other, and the shoreline is the room they are talking in.



LEGGED CITY



PLUG-IN CELL



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COLOPHON

SUPER WALKING CITIES · VOLUME I : AN ANATOMY
Twenty-four full-bleed plates, 24 × 16 inches, landscape.

Drawn procedurally in Python and ReportLab. Typography: EB Garamond for argument, IBM Plex Mono for notation. Palette closed at thirty tones; darkest ink #6E6252 warm taupe; no black and no dark colour anywhere in the volume, verified at pixel level against every plate.

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